

Definitive List of Agency Approved Products



Automotive: BMW Group Standard GS 93016:2003-09

Last Update: 8/24/06 M.Macias

Product	Location	Standard/Callout
Grilamid L25W40	Germany	PA 12-flexible
Grilamid LV-2H	Germany	PA 12 + 20 % glass fibers
Grilamid LV-3H	Germany	PA 12 + 30 % glass fibers
Grilamid TR55	Germany	PA 12 T-standard type
Grilon A28NY	Germany	PA 6-rubber-modified
Grilon AG-35	Germany	PA 66 + 35 % glass fibers
Grilon AS/2	Germany	PA 66-standard type
Grilon B 69 L 62 GF 20	Germany	PA 6 + PE graft polymer + 20 % glass fibers
Grilon BG-15/2	Germany	PA 6 + 15 % glass fibers
Grilon BG-25 HM	Germany	PA 6 + 25 % glass fibers + coupling agent
Grilon BG-25/2	Germany	PA 6 + 25 % glass fibers
Grilon BG-30 S	Germany	PA 6 + 30 % glass fibers
Grilon BG-35/2	Germany	PA 6 + 35 % glass fibers PA 6 + 35 % glass fibers impact resistant
Grilon BG-40 HM	Germany	PA 6 + 40 % glass fibers + coupling agent
Grilon BG-50 S	Germany	PA 6 + 50 % glass fibers optics
Grilon BG-50/2	Germany	PA 6 + 50 % glass fibers
Grilon BGM-30X	Germany	PA 6 + 10 % glass fibers + 20 % glass balls PA 6 + 10 % glass fibers + 20 % mineral
Grilon BGM-40/3 X	Germany	PA 6 + 15 % glass fibers + 25 % mineral impact resistant
Grilon BGZ-30/2	Germany	PA 6 + 30 % glass fibers impact resistant
Grilon BGZ-30/3	Germany	PA 6 + 30 % glass fibers
Grilon BK-30	Germany	PA 6 + 30 % glass balls
Grilon BK-50	Germany	PA 6 + 50 % glass balls
Grilon BR40	Germany	PA 6-impact resistant
Grilon BT40Z	Germany	PA 6 + PA 12 T impact resistant
Grilon BZ 1/2	Germany	PA 6 + PE graft polymer
Grilon BZ 3/2	Germany	PA 6-rubber-modified
Grilon PGZ 15/2	Germany	PA 6 + 15 % glass fibers impact resistant
Grilon TM-4H	Germany	PA 66 + 40 % mineral
Grilon TV-15H	Germany	PA 66 + 15 % glass fibers
Grivory G355NZ	Germany	PA-copolymer amorph impact resistant
Grivory GV-4H	Germany	PA 66 - 6 I / 6 T + 40 % glass fibers
Grivory GV-5H	Germany	PA 66 - 6 I / 6 T + 50 % glass fibers
Grivory GV-6H	Germany	PA 66 - 6 I / 6 T + 60 % glass fibers
Grivory GVN-35H	Germany	PA 66 - 6 I / 6 T + 35 % glass fibers impact resistant
Grivory HTV-3H1	Germany	PPA + 30 % glass fibers
Grivory HTV-4H1	Germany	PPA + 40 % glass fibers
Grivory HTV-5H1	Germany	PPA + 50 % glass fibers
Grivory HTV-6H1	Germany	PPA + 60 % glass fibers
Polyloy A 70 L	Germany	PA 66 + PE graft polymer
Polyloy B 69 L 62	Germany	PA 6 + PE graft polymer
Polyloy BC 80	Germany	PA 6 + PE graft polymer impact resistant

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Automotive: Daimler Chrysler

Product	Location	Standard/Callout	Last Update: 11/20/06 M.Macias
Grilamid L16GNZ/100 Black 9288	Sumter	MS-DB41 CPN-3398 ASTM D6779 PA0422 Z1	
Grilamid L20GHS Black 9920	Sumter	MS-DB41 CPN-3398 ASTM D6779 PA0422 Z1	
Grilamid L25F10 Black 9823	Sumter	MS-DB41 CPN-3278 ASTM D6779 PA0454	
Grilamid L25FVS10 Black 9823	Sumter	MS-DB41 CPN-3278 ASTM D6779 PA0454	
Grilamid L25FVS40 Black 9202	Sumter	MS-DB41 CPN-3362 ASTM D6779 PA0452 KX026	
Grilamid L25W40X Black 9992	Sumter	MS-DB41 CPN-3362 ASTM D6779 PA0452 KX026	
Grilamid LV-23H Black 9203	Sumter	MS-DB41 CPN-3363 ASTM D6779 PA0422 G25 Z1	
Grilamid LV-23H Natural 6802	Sumter	MS-DB41 CPN-4568 ASTM D6779 PA0422 G25 Z1	
Grilamid LV-3H Black 9288	Sumter	MS-DB41 CPN-4496 ASTM D779 PA042 G30 Z1	
Grilamid LVS-23H Black 9203	Sumter	MS-DB41 CPN-3363 ASTM D6779 PA0422 G25 Z1	
Grilamid XE3769 Black	Sumter	MS-DB41 CPN-4172 ASTM D6779 PA0400 B32820 E00	
Grilon A28NY Black 9223	Sumter	MS-DB41 CPN-4114 ASTM D4066 PA0260 B92300 KX035	
Grilon R47NZE Black 9896	Sumter	MS-DB41 CPN-3821 ASTM D6779 PA0261 Z1	
Grivory GV-4H Black 9915	Sumter	MS-DB41 CPN-4332 ASTM D6779 PA0 G40 A55370	
Grivory GV-4H Natural	Sumter	MS-DB41 CPN-4332 ASTM D6779 PA0 G40 A55370	
Grivory GV-5H Black 9915	Sumter	MS-DB41 CPN-4192 ASTM D6779 PA00 G50 A64370	
Grivory GV-6H Black 9915	Sumter	MS-DB41 CPN-4195 ASTM D6779 PA0800 A55300	
Grivory GV-6H Natural	Sumter	MS-DB41 CPN-4195 ASTM D6779 PA0800 A55300	
Grivory GVN-35H Black 9915	Sumter	MS-DB41 CPN-4688 ASTM D6779-05 PA0800 G35 A44570	
Grivory HT2V-3H Natural	Switzerland	MS-DB478 CPN-4636 ASTM D6779 PA1210 G30 Z1	
Grivory HTV-3H1 Black 9205	Switzerland	MS-DB478 CPN-4586 ASTM 6779-03 PA1210 G30 A54390 YI265 Z1 Z3	
Grivory HTV-5H1 Black 9205	Switzerland	MS-DB478 CPN-4674 ASTM D6779 PA1210 G50 A76490 YI280 Z1	

Unless specified otherwise, product list verified against CPN-Index issued by DCX.

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Automotive: Delphi

Product	Location	Standard/Callout	Last Update: 7/14/04 A.Gatzke
Grilamid L20GHS Black 9920	Sumter	MS8887 and MS9051	
Grilamid L20GHS Natural 6805	Sumter	MS8887 and MS9051	
Grilamid L25FVS10 Black 9921	Sumter	M53164	
Grilamid L25FVS10 Natural 6542	Sumter	M53164	
Grilamid L25W40X Black 9992	Sumter	M53162	
Grilamid L25W40X Natural 6504	Sumter	M53162	
Grilamid LV-3H Black 9288	Sumter	MS7487 and MS7492	
Grilamid LV-3H Natural	Sumter	MS7487 and MS7492	
Grilamid LV-43H Black 9733	Sumter	M53163	
Grilamid TR55 Natural	Switzerland	M4235001	
Grilamid XS1352 Black	Sumter	M53161	
Grilon BRZ 247 W Black 9896	Sumter	M53153	
Grilon BRZ 247 W Natural 6799	Sumter	M53153	
Grivory HT2V-3H Black	Switzerland	M2396102	
Grivory HTV-6H1 Black 9205	Switzerland	M53295	
Grivory HTV-6H1 Natural	Switzerland	M53295	

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Automotive: Ford Motor Company

Product	Location	Standard/Callout	Last Update: 3/26/07 M.Macias
Grilamid L20GHL Black 9288	Sumter, Switzerland	WSK-M4D739-A2, WSK-M4D739-A3	
Grilamid L20GHS	Sumter	ASTM D4000 PA422	
Grilamid L20GHS Natural 6805	Sumter	WSK-M4D739-A2	
Grilamid L20LF	Sumter, Switzerland	WSK-M4D801-A	
Grilamid L25 Black 9122	Switzerland	WSK-M4D739-A	
Grilamid L25 Natural 6112	Switzerland	WSK-M4D739-A	
Grilamid L25F10	Sumter	ESA-M4D374-A	
Grilamid L25FVS10	Sumter	ESA-M4D374-A	
Grilamid L25FVS40 Black 9823	Sumter	WSK-M4D701-A	
Grilamid L25FVS40 Natural 6542	Sumter	WSK-M4D701-A	
Grilamid L25W10	Sumter	ASTM D4000 PA444	
Grilamid L25W20 HL Black 9288	Sumter, Switzerland	WSK-M4D802-A	
Grilamid L25W40X Black 9902	Switzerland	WSK-M4D701-A	
Grilamid L25W40X Natural 6504	Switzerland	WSK-M4D701-A	
Grilamid LV-23H	Sumter	ASTM D4000 PA420 G23 A21640	
Grilamid LV-2H Black 9122	Switzerland	WSK-M4D892-A1	
Grilamid LV-2H Black 9288	Switzerland	WSK-M4D892-A1	
Grilamid LV-3H Black 9122	Switzerland	WSK-M4D829-A	
Grilamid LV-3H Black 9288	Switzerland	WSK-M4D829-A	
Grilamid TR55 L Red 7325	Switzerland	WSK-M4D890-A1	
Grilon BG-15/2 Black 9819	Switzerland	WSK-M4D665-A2	
Grilon BG-15/2 Natural	Switzerland	WSK-M4D665-A	
Grilon BS/2 Black 9223	Sumter	ASTM D4000 PA212	
Grilon BS/2 Natural	Sumter	ASTM D4000 PA212	
Grilon R50HNZ Black 9697	Switzerland	WSK-M4D804-A	
Grilon TKN-4H Black 9819	Switzerland	WSK-M4D654-A2	
Grilon TSZ-1 Black 9832	Germany	WSS-M4D706-A3	
Grilon TSZ-1 Black 9835	Germany	WSS-M4D706-A3	
Grilon XE3163 Black	Sumter, Switzerland	WSK-M4D804-A	
Grilon XE3214 Black 9697	Sumter, Switzerland	WSK-M4D674-A	
Grilon XE3214 Natural	Sumter, Switzerland	WSK-M4D674-A	
Grivory HT2V-3H Natural	Switzerland	WSK-M4D843-A	

Unless specified otherwise, product list verified against Approved Supplier List, Volume 7, issued by Ford.

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 3/26/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Automotive: General Motors Corporation

Product	Location	Standard/Callout	Last Update: 8/9/07 M.Macias
Grilamid L20GHS		GMP.PA12.004	
Grilamid L25FVS40 Black 9202		GMP.PA12.003	
Grilamid L25FVS40 Natural 6542		GMP.PA12.003	
Grilamid LV-23H Black 9203		GMP.PA12.002	
Grilamid LV-23H Natural 6802		GMP.PA12.002	
Grilamid LVS-23H Black 9203	Sumter	GMP.PA12.002	
Grilamid LVS-23H Natural	Sumter	GMP.PA12.002	
Grilon EBV-15H Black 9697	Switzerland	GMP.PA6.029	
Grilon EBV-15H Natural	Switzerland	GMP.PA6.029	
Grivory GV-5H Black 9915	Sumter	GM7001M PA (A3, A22, A64, BA750, DE1690, K185, M1390, R72, S1200, Z1) GMP.PA66.090	
Grivory GV-5H Natural	Sumter	GM7001M PA (A3, A22, A64, BA750, DE1690, K185, M1390, R72, S1200, Z1) GMP.PA66.090	
Grivory HT2V-3H Black	Switzerland	GMP.PPA.002	
Grivory HT2V-3H Natural	Switzerland	GMP.PPA.002	
Grivory HTV-45H1 Black 9205	Switzerland	GMP.PPA.008	
Grivory HTV-45H1 Natural	Switzerland	GMP.PPA.008	

Unless specified otherwise, product list verified against MATSPEC on current www.gmsupplypower.com and former Mainframe/VAX system, maintained by GM.

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 8/9/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Automotive: Mercedes Benz

Product	Location	Standard/Callout	Last Update: 12/30/04 A.Gatzke
Grilamid L20G	Sumter	PA 12 Standard Type	
Grilamid TR55	Switzerland	PA 12/X Standard Type	
Grilon AG-30/1	Sumter	PA66 + 50% Glass Fibers	
Grilon BG-15/2	Sumter	PA 6 + 15% Glass Fibers	
Grilon BG-30/2	Sumter	PA 6 + 30% Glass Fibers	
Grilon BG-50 S	Sumter	PA 6 + 50% Glass Fibers	
Grilon BGM-30X	Switzerland	PA 6 + 12% Glass Fibers, 18% Glass Beads	
Grilon BT40Z	Sumter	PA 6 + PA 12/X Impact Modified	
Grilon F50	Switzerland	PA 6, High Viscosity	
Grivory G355NZ	Sumter	PA-Copolymer, Amorphous, Impact Modified	

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Biocompatibility

Product	Location	Standard/Callout	Last Update: 12/21/06 A.Gatzke
Grilamid TR55 LX Natural	Switzerland	ISO 10993-5, ISO 10993-10	
Grilamid TR90 Natural	Switzerland	ISO 10993-5, ISO 10993-10	
Grivory G21 Natural	Sumter, Switzerland	TBD	
Grivory HB 7103 Natural	Sumter, Switzerland	TBD	

- 10993-1: "Guidance on Selection of Tests."
- 10993-2: "Animal Welfare Requirements."
- 10993-3: "Tests for Genotoxicity, Carcinogenicity, and Reproductive Toxicity."
- 10993-4: "Selection of Tests for Interactions with Blood."
- 10993-5: "Tests for Cytotoxicity—In Vitro Methods."
- 10993-6: "Tests for Local Effects after Implantation."
- 10993-7: "Ethylene Oxide Sterilization Residuals."
- 10993-8: No title assigned.
- 10993-9: "Degradation of Materials Related to Biological Testing."
- 10993-10: "Tests for Irritation and Sensitization."
- 10993-11: "Tests for Systemic Toxicity."
- 10993-12: "Sample Preparation and Reference Materials."

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Drug Master File (DMF)

Product	Location	Standard/Callout	Last Update: 12/21/06 A.Gatzke
Grilamid ELY 60 Natural	Switzerland	DMF# Expected Jan 2007	
Grilamid TR55 Natural	Switzerland	18567	
Grivory G21 Natural	Sumter, Switzerland	19004	
Grivory HB 7103 Natural	Switzerland	19393	

Number listed under "Standard" is the DMF file number for that product.

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196
Fax: 803-481-6186
Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Food Law Compliance - FDA, EU, and Germany

Product	Location	Standard/Callout	Last Update: 12/21/06 A.Gatzke
Grilamid L20 Natural		FDA, EU, Germany	
Grilamid L25 Natural		FDA, EU, Germany	
Grilamid TR55 Natural		FDA	
Grilamid XS1392 Natural		EU, Germany	
Grilon A23 Natural		FDA	
Grilon A28 Natural		FDA	
Grilon BM 13 SG Natural		FDA	
Grilon BS/2 Natural		FDA, EU, Germany	
Grilon CF 6 S Natural		FDA	
Grilon CR 9 HV Natural		FDA, EU, Germany	
Grilon CR 9 Natural		FDA, EU, Germany	
Grilon F47 Natural		FDA, EU, Germany	
Grilon F50 Natural 6368		FDA, EU, Germany	
Grilon FE 4494 Natural		FDA, EU, Germany	
Grilon FE 4495 Natural		EU, Germany	
Grilon MB 3361 FS Natural		FDA, EU, Germany	
Grilon MB 8361 FS Natural		FDA, EU, Germany	
Grilon T300 Natural		FDA	
Grilon TV-3H Natural		FDA, EU, Germany	
Grilon XS 06_01 Black (Formerly RDS 4446		FDA	
Grivory FE 4581 Natural		FDA, EU, Germany	
Grivory FE 5273 NK Natural		FDA, EU, Germany	
Grivory FE 5746 Natural		FDA, EU, Germany	
Grivory FE 5750 Natural		FDA	
Grivory FE 5751 Natural		EU, Germany	
Grivory G16 Natural		FDA, EU, Germany	
Grivory G21 Natural		FDA, EU, Germany	
Grivory GTR45 Natural		FDA, EU, Germany	
Grivory HB 5299 Natural		FDA, EU, Germany	
Grivory RDS 4368 Natural		FDA	
Grivory RDS 4369 Natural		FDA	
Grivory RDS 4435 Natural 6016		FDA, EU, Germany	
Grivory XS 05_01 Natural		FDA, EU, Germany	

These are readily available food compliance documents.

Other products not listed may be compliant. Please inquire.

Additionally, products with only FDA or only EU certification may also have EU or FDA certification, respectively. Please inquire.

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



NSF International

Product	Location	Standard/Callout	Last Update: 12/12/06 M.Macias
Grilamid LV-43H Black 9733	Sumter	Std 61	
Grilamid LV-43H Natural	Sumter	Std 61	
Grivory G21 Natural	Sumter	Std 61	
Grivory GTR40 Natural	Sumter	Std 61	
Grivory GTR45 Natural	Sumter	Std 61	
Grivory GV-2H Black 9915	Sumter	Std 61	
Grivory GV-2H Natural	Sumter	Std 61	
Grivory GV-4H Black 9915	Sumter	Std 61	
Grivory GV-4H Natural	Sumter	Std 61	
Grivory GV-5H Black 9915	Sumter	Std 61	
Grivory GV-5H Natural	Sumter	Std 61	
Grivory GV-6H Black 9915	Sumter	Std 61	
Grivory GV-6H Natural	Sumter	Std 61	
Grivory GVN-35H Black 9915	Sumter	Std 61	
Grivory GVN-35H Natural	Sumter	Std 61	

Municipal Drinking Water System Components (NSF/ANSI Standard 61) Tested at 23 °C (73.4 °F)

Potable Water End Use Application: Appurtenances (other than pipes) and Fittings

Unless specified otherwise, the end use applications are not to exceed 100 in²/L for Grilamid™ and 75 in²/L for Grivory™.

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Underwriters Laboratories, Inc.

Product	Location	Standard/Callout	Last Update: 12/12/06 M.Macias
Grilamid L16G	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilamid L16GM	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilamid L20FR	Sumter	UL94	
Grilamid L20G	Sumter	UL94	
Grilamid L25 Natural	Sumter	UL94	
Grilamid L25 Natural 6112	Sumter	UL94	
Grilamid L25W20 Black	Sumter	UL94	
Grilamid L25W20 Natural	Sumter	UL94	
Grilamid L25W40 Black 9288	Sumter	UL94	
Grilamid L25W40 Natural 6428	Sumter	UL94	
Grilamid LKN-5H	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilamid LV-3H	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilamid TR55	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilamid TR55 FC	Sumter	UL94	
Grilamid TR55 LX Natural	Sumter	UL94	
Grilon A23G Natural 6165	Sumter	UL94	
Grilon A23GM	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon A23GM HS	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon A26V0	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon A28GM HS	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon A28NX	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon A28NY	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon AG-15/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon AG-30/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon AG-50/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon AS V0	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon AS/1	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BG-15/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BG-25/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BG-30 S	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BG-30/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BG-35/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BG-50 S	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BG-50/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BGM-40/3 X	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BGM-65 X V0	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BGS-15	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BGS-35	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BGZ-15/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BGZ-30/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BGZ-30/3	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BK-50	Sumter	UL94	
Grilon BM-30/3	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BR40	Sumter	UL94, D3874, UL746A, D495	
Grilon BS V0	Sumter	UL94, D3874, UL746A, D495, D3638	

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



Underwriters Laboratories, Inc.

Product	Location	Standard/Callout	Last Update: 12/12/06 M.Macias
Grilon BS/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BZ 1/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon BZ 3/2	Sumter	UL94, D3874, UL746A, D495, D3638	
Grilon XE3207	Sumter	UL94, D3874, UL746A, D495, D3638	
Grivory G355NZ	Sumter	UL94, D3874, UL746A, D495, D3638	
Grivory GV-2H	Sumter	UL94	
Grivory GV-4H	Sumter	UL94	
Grivory GV-5H	Sumter	UL94	
Grivory GV-6H	Sumter	UL94	
Grivory GVN-35H	Sumter	UL94	

See yellow card for actual values. Yellow cards available online. The following tests were performed by Underwriters Laboratories, Inc.:

- Flammability Classification (ANSI/UL 94)
- Hot-Wire Ignition (ASTM D3874, IEC 60695-2-20)
- High- Current Arc Ignition and High-Voltage Arc Tracking Rate (ANSI/UL 746A)
- High-Voltage, Low-Current Arc Resistance (ASTM D495)
- Comparative Tracking Index (ASTM D3638)

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com

Definitive List of Agency Approved Products



United States Pharmacopeia

Product	Location	Standard/Callout	Last Update: 12/11/06 M.Macias
Grilamid L20 Natural	Sumter	USP Class VI	
Grilamid L25 Natural	Sumter	USP Class VI	
Grilamid LKN-5H White 6844	Switzerland	USP Class VI	
Grilamid LKN-5H White 6849	Sumter	USP Class VI	
Grilamid TR55 Natural	Switzerland	USP Class VI	
Grilamid TR60 Natural	Switzerland	USP Class VI	
Grilamid TR70 LX Natural	Switzerland	USP Class VI	
Grilamid TR90 Natural	Switzerland	USP Class VI	
Grivory G21 Natural	Sumter	USP Class VI	
Grivory GTR45 Natural	Sumter	USP Class VI	

USP Class VI testing is performed by an outside laboratory. Approximate timeline is six to eight weeks.

EMS GRIVORY America

A unit of EMS-CHEMIE (North America) Inc.
2060 Corporate Way, PO Box 1717
Sumter, SC 29151

www.emsgrivory.com

Distributed: 1/25/2007

Phone: 803-481-6196

Fax: 803-481-6186

Email: michelle.macias@us.emsgrivory.com