Chemlon S 133 GVH

Polyamide 66

Teknor Apex Asia Pacific PTE. LTD.

Message:

Chemlon S 133 GVH is a Polyamide 66 (Nylon 66) material filled with 33% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding. Primary attribute of Chemlon S 133 GVH: Flame Rated.
Typical applications include:
Automotive
Industrial Applications

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	Halogenated Heat Stabilized		
Uses	Automotive Applications Industrial Applications		
Appearance	Black Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.61	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.25	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Ultimate)	138	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	8970	MPa	ASTM D790
Flexural Strength	193	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Annealed)	224	°C	ASTM D648
Melting Temperature	256	°C	ASTM D789
Flammability	**Nominal Value**		**Test Method**
Flame Rating (0.800 mm)	V-0		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0	°C	
Suggested Max Moisture	0.20	%	

Suggested Max Regrind	15	%
Rear Temperature	255 to 271	°C
Middle Temperature	266 to 288	°C
Front Temperature	271 to 293	°C
Nozzle Temperature	271 to 288	°C

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Recommended distributors for this material

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