

Chemlon® 233 GVH

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 233 GVH is a Polyamide 6 (Nylon 6) material filled with 33% glass fiber. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Chemlon® 233 GVH are:

Flame Rated

Flame Retardant

Good Stiffness

High Strength

Typical application of Chemlon® 233 GVH: Wire & Cable

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Stiffness		
	High Strength		
Agency Ratings	UL 94		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	145	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	221	MPa	ASTM D790
Thermal	Nominal Value	Unit	
Melting Temperature	215	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94

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Recommended distributors for this material

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