

Chemlon® 204-13 GVNH BK083

Polyamide 6

Teknor Apex Company (Chem Polymer)

Message:

Chemlon® 204-13 GVNH BK083 is a Polyamide 6 (Nylon 6) material filled with glass fiber. It is available in North America.

Important attributes of Chemlon® 204-13 GVNH BK083 are:

Flame Rated

Flame Retardant

Typical application of Chemlon® 204-13 GVNH BK083: Automotive

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Flame Retardant		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.32	g/cm ³	ASTM D792
-- ¹	1.32	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Chord ²	6700	MPa	ISO 527-2
Tensile Stress ³ (Break)	82.0	MPa	ISO 527-2
Flexural Modulus ⁴ (64.0 mm Span)	6750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed)	182	°C	ISO 75-2
Melting Temperature (DSC)	220	°C	ISO 3146
Flammability	Nominal Value	Test Method	
Flame Rating (0.800 mm, BLACK)	V-0	UL 94	
NOTE			
1.	Method A		
2.	Type 1A, 1 mm/min		
3.	Type 1A, 5 mm/min		
4.	2.0 mm/min		
5.	Flatwise		

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