



Chemlon® 933 GH

Teknor Apex Company (Chem Polymer) - Polyphthalamide

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm ³	ISO 1183
Molding Shrinkage	0.15 to 0.30	%	ISO 2557
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	31200	psi	ISO 527
Tensile Strain (Break)	2.5	%	ISO 527
Flexural Modulus	1.60E+6	psi	ISO 178/A
Flexural Stress	42100	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.3	ft·lb/in ²	ISO 179/1eU
Notched Izod Impact Strength (73°F)	4.5	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	599	°F	ISO 11357

Notes

¹ Typical properties: these are not to be construed as specifications.