



Chemlon® 507 H

Teknor Apex Company - Polyamide 66

General Information

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Forms	• Pellets		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/5.0 kg)	> 80	g/10 min	ISO 1133
Molding Shrinkage	1.9 to 2.5	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	7980	psi	ISO 527
Tensile Strain (Break)	30	%	ISO 527
Flexural Modulus	305000	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-40°F	4.3	ft·lb/in ²	
73°F	8.1	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	491	°F	ISO 11357

Notes

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