



Creamid® A3H2G6.1L02*9000

Teknor Apex Company - Polyamide 66

General Information

General

Material Status	• Preliminary Data		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Dry	Conditioned	Unit	Test Method
Density	1.38	1.38	g/cm ³	ISO 1183
Molding Shrinkage				ISO 294-4
Across Flow	1.4	1.4	%	
Flow	0.40	0.40	%	
Water Absorption (24 hr, 73°F)	1.0	1.0	%	ISO 62
Water Absorption				ISO 62
Saturation, 73°F	5.0	5.0	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	1.52E+6	870000	psi	ISO 527-1
Tensile Stress (Break)	24700	16700	psi	ISO 527-2
Tensile Strain (Break)	2.5	7.5	%	ISO 527-2
Flexural Modulus (73°F)	1.04E+6	769000	psi	ISO 178
Flexural Stress	31900	19600	psi	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179
73°F	3.8	5.2	ft·lb/in ²	
Charpy Unnotched Impact Strength				ISO 179
73°F	29	38	ft·lb/in ²	
Notched Izod Impact Strength				ISO 180
73°F	3.8	5.7	ft·lb/in ²	
Thermal	Dry	Conditioned	Unit	Test Method
Melting Temperature	496	496	°F	ISO 11357-3

Processing Information

Injection	Dry	Unit
Drying Temperature	176	°F
Drying Time	3.0 to 4.0	hr
Nozzle Temperature	554	°F
Processing (Melt) Temp	509 to 554	°F
Mold Temperature	176 to 230	°F

Notes

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