



Creamid® A3H7G12.0S.1*9000

Teknor Apex Company - Polyamide 66 + PA 6I/6T

General Information

General

Material Status	• Preliminary Data	
Availability	• Europe	• North America
Forms	• Pellets	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.73	g/cm ³	ISO 1183
Molding Shrinkage	0.20	%	ISO 2577
Water Absorption (24 hr, 73°F)	0.30	%	ISO 62
Water Absorption (Saturation, 73°F)	2.3	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3.05E+6	psi	ISO 527
Tensile Stress	37700	psi	ISO 527
Tensile Strain (Break)	3.0	%	ISO 527
Flexural Stress	50800	psi	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	6.2	ft·lb/in ²	ISO 179/1eA
Charpy Unnotched Impact Strength (73°F)	33	ft·lb/in ²	ISO 179/1eU
Notched Izod Impact Strength (73°F)	6.2	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	455	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.031 in)	HB		UL 94

Notes

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