

Generic Nylon 6 - Proprietary

Polyamide 6

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 6 - Proprietary
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Proprietary packing		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 - 1.81	g/cm³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.18 - 0.71	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	7490 - 32700	MPa	ASTM D638
Tensile Strength (Break, 23°C)	43.4 - 257	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.4 - 2.7	%	ASTM D638
Flexural Modulus (23°C)	6050 - 15400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32 - 81	J/m	ASTM D256
Unnotched Izod Impact (23°C)	140 - 1100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	156 - 219	°C	ASTM D648
Injection	Nominal Value	Unit	
Rear Temperature	254	°C	
Middle Temperature	271	°C	
Front Temperature	282	°C	
Processing (Melt) Temp	271	°C	
Back Pressure	0.510 - 0.517	MPa	
Injection instructions			

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