

Generic Nylon 6+ABS

Polyamide 6 + ABS

Generic

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.07 to 1.10	g/cm ³	ISO 1183
Molding Shrinkage (23°C)	0.80 to 1.1	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1100 to 2580	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	30.0 to 60.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield, 23°C	3.0 to 15	%	
Break, 23°C	3.0 to 100	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14 to 85	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	64.7 to 80.0	°C	ISO 75-2/A

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