

Generic Nylon 1010

Polyamide 1010

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 1010
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.03 to 1.59	g/cm ³	ISO 1183
Molding Shrinkage (23°C)	0.10 to 2.6	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	420 to 17500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield, 23°C	34.0 to 60.0	MPa	
Break, 23°C	32.0 to 210	MPa	
Tensile Strain			ISO 527-2
Yield, 23°C	4.6 to 5.4	%	
Break, 23°C	2.0 to 52	%	
Nominal Tensile Strain at Break (23°C)	170 to 260	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0 to 130	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	197 to 200	°C	ISO 11357-3

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