

# Generic Nylon Copolymer

Polyamide Copolymer

Generic

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13 to 1.14	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation			
Break, 23°C	5.0 to 500	%	ASTM D638
Break, 23°C	7.0 to 50	%	ISO 527-2
Flexural Modulus			
23°C	2840 to 3500	MPa	ASTM D790
23°C	2500 to 5500	MPa	ISO 178
Flexural Stress (23°C)	69.9 to 138	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0 to 35	kJ/m²	ISO 179
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+11 to 1.0E+13	ohms	IEC 60093
Volume Resistivity (23°C)	1.0E+11 to 1.0E+13	ohms·cm	IEC 60093
Electric Strength (23°C)	30	kV/mm	IEC 60243-1
Relative Permittivity (23°C)	6.50		IEC 60250
Dissipation Factor (23°C)	0.070 to 0.50		IEC 60250

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