

# Generic Polyester Alloy

Polyester Alloy

Generic

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05 to 1.93	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	39 to 51		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2990 to 3890	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield, 23°C	47.4 to 88.0	MPa	
23°C	69.4 to 83.9	MPa	
Tensile Elongation (Break, 23°C)	2.3 to 4.0	%	ASTM D638
Flexural Modulus (23°C)	2840 to 4250	MPa	ASTM D790
Flexural Strength (23°C)	110 to 141	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	74.9 to 143	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	4.1E+13 to 5.5E+14	ohms·cm	ASTM D257
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity	326 to 620	cP	ASTM D2393
Post Cure Time	3.9 to 4.0	hr	

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