

Devlon Polypropylene

Polypropylene

Devol® Engineering Polymers

Message:

Devlon Polypropylene is a Polypropylene material. It is available in Europe.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.915	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.10	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	73		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	981	MPa	ASTM D638
Tensile Strength (23°C)	41.4	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	120 to 900	%	ASTM D638
Flexural Strength	49.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	107 to 121	°C	
1.8 MPa, Unannealed	60.0	°C	
Melting Temperature	163	°C	ASTM D3418
CLTE - Flow (30 to 100°C)	9.0E-4	cm/cm/°C	ASTM E831
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	80	kV/mm	ASTM D149

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Recommended distributors for this material

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