

Devlube Devlube

Thermoplastic
Devol® Engineering Polymers

Message:

Devlube Devlube is a Thermoplastic material. It is available in Europe. Primary attribute of Devlube Devlube: Flame Rated.

General Information			
Appearance	Red		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Water Absorption (24 hr)	1.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112 to 118		ASTM D785
Durometer Hardness ¹ (Shore D)	80 to 84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ASTM D638
Tensile Strength (23°C)	70.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.1	%	ASTM D638
Flexural Strength	90.0	MPa	ASTM D790
Compressive Strength	123	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (-40°C)	15.0	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	210	°C	
1.8 MPa, Unannealed	120	°C	
Melting Temperature	220	°C	ASTM D3418
CLTE - Flow (30 to 100°C)	7.5E-5	cm/cm/°C	ASTM E831
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
NOTE			

1. 80 to 84

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