

POLYelast TPE ED80 D40 UV

Polypropylene + EPDM Rubber

Polykemi AB

Message:

POLYelast TPE ED80 D40 UV is a Polypropylene + EPDM Rubber (PP+EPDM) product. It is available in Asia Pacific or Europe.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	1.8 to 2.2	%	
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Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	10.0	MPa	ISO 527-2
Tensile Strain (Yield)	9.0	%	ISO 527-2
Flexural Modulus (23°C)	450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	27	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	50.0	°C	ISO 75-2/B
Vicat Softening Temperature	100	°C	ISO 306/A50
NOTE			
1.	120°C/hr		

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