

POLYelast TPE ZC100 D40

Styrene Ethylene Butylene Styrene Block Copolymer

Polykemi AB

Message:

POLYelast TPE ZC100 D40 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) product. It is available in Asia Pacific or Europe. Primary characteristic: flame rated.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	0.900	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	1.1 to 1.3	%	
Flow	1.1 to 1.3	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	56		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	26.0	MPa	ISO 527-2
Tensile Strain (Yield)	16	%	ISO 527-2
Flexural Modulus (23°C)	670	MPa	ISO 178
Flexural Stress	26.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	20	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	110	°C	ISO 306/A50
--	55.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (2.00 mm)	750	°C	IEC 60695-2-13

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