POLYfill PPH TS2040

PP-MX40 — Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**2**	g/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-
Molding shrinkage, parallel	**1.0**	%	ISO 294-4, 2577
Molding shrinkage, normal	**1.0**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	**28**	MPa	ISO 527
Yield strain	**5**	%	ISO 527
Flexural modulus, 23°C	**3000**	MPa	ISO 178
Charpy notched impact strength, +23°C	**4**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**70**	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**122**	°C	ISO 75-1/-2
Vicat softening temperature, A	**146**	°C	ISO 306
Vicat softening temperature, B	**84**	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-
Glow Wire Ignition Temperature (GWIT)	**750**	°C	IEC 60695-2-13
GWIT - thickness tested (1)	**2**	mm	-

Other properties	Value	Unit	Test Standard
Density	**1230**	kg/m³	ISO 1183

Characteristics

Processing
Injection Molding

Features
Homopolymer

Delivery form
Granules

Regional Availability
Europe, Asia Pacific

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