

POLYfill PPC TS20020

PP-MX20

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	30	MPa	ISO 527
Yield strain	6	%	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	67	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	112	°C	ISO 75-1/-2
Vicat softening temperature, A	145	°C	ISO 306
Vicat softening temperature, B	75	°C	ISO 306
Other properties			
Density	1040	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Features

Scratch Resistant

Regional Availability

Europe, Asia Pacific