

POLYfill PP CIQ10015ER UV

PP-MX15

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	14	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	20	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
ASTM Data			
Shore D Hardness	56	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	47	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	87	°C	ISO 75-1/-2
Vicat softening temperature, A	142	°C	ISO 306
Vicat softening temperature, B	63	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	990	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Special Characteristics

U.V. stabilized or stable to weather

Features

Scratch Resistant

Regional Availability

Europe, Asia Pacific