

POLYfill PPC GF7020 PD2 E15

PP-GF20

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	50	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	3600	MPa	ISO 178
Charpy notched impact strength, +23°C	21	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	160	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°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			
Density	1040	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Features

Chemically Coupled Reinforcement

Regional Availability

Europe, Asia Pacific