

POLYfill PPH FR15030 XNH

PP

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	28	MPa	ISO 527
Yield strain	6	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Charpy notched impact strength, +23°C	3.5	kJ/m ²	ISO 179/1eA
ASTM Data			
Shore D Hardness	73	-	ASTM D 2240
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	66	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	97	°C	ISO 75-1/-2
Vicat softening temperature, A	150	°C	ISO 306
Vicat softening temperature, B	96	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Yellow Card available	yes	-	-
Glow Wire Ignition Temperature (GWIT)	960	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.6	mm	-
Other properties			
Density	1090	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Special Characteristics

Flame retardant, Halogen-free

Features

Homopolymer

Regional Availability

Europe, Asia Pacific