

Polybest 66 PD GF30

PA66-GF30

Polyma Kunststoff GmbH & Co.KG

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9000 / 6500	MPa	ISO 527
Stress at break	160 / 110	MPa	ISO 527
Strain at break	3 / 3.5	%	ISO 527
Izod impact strength, +23°C	60 / -	kJ/m ²	ISO 180/1U
ASTM Data			
Rockwell Hardness	R 120 / R 115	-	ASTM D 785
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	255 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
Electrical properties			
ISO Data			
Comparative tracking index	500 / -	-	IEC 60112
ASTM Data			
Surface Resistivity	* / 1E11	Ohm	ASTM D 257
Volume Resistivity	1E15 / 1E11	Ohm*cm	ASTM D 257
Other properties			
Humidity absorption	0.8 / *	%	Sim. to ISO 62
Density	1350 / -	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Europe