

Polybest 66 PD GF25 HSL

PA66-GF25

Polyma Kunststoff GmbH & Co.KG

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ISO Data			
Izod impact strength, +23°C	60 / -	kJ/m ²	ISO 180/1U
ASTM Data			
Tensile Strength at Break	155 / 100	MPa	ASTM D 638
Elongation at Break	3 / 4	%	ASTM D 638
Flexural Modulus	8500 / 6000	MPa	ASTM D 790
Rockwell Hardness	R 120 / R 115	-	ASTM D 785
Thermal properties			
	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	250	°C	ASTM D 648
DTUL @ 264 psi	240	°C	ASTM D 648
Melting Temperature	260	°C	ASTM D 3418
Vicat Temperature	255	°C	ASTM D 1525
Electrical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Surface Resistivity	* / 1E11	Ohm	ASTM D 257
Volume Resistivity	1E15 / 1E11	Ohm*cm	ASTM D 257
Other properties			
	Value	Unit	Test Standard
Water Absorption, 24hr	0.8	%	ASTM D 570
Density	1320	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Natural Color

Regional Availability

Europe