

Polybest 6 PD GF25 V0

PA6-GF25

Polyma Kunststoff GmbH & Co.KG

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	130 / 90	MPa	ASTM D 638
Elongation at Break	2 / 3	%	ASTM D 638
Flexural Modulus	9000 / 5000	MPa	ASTM D 790
Rockwell Hardness	R 115 / R 105	-	ASTM D 785
Thermal properties			
	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 66 psi	200	°C	ASTM D 648
DTUL @ 264 psi	195	°C	ASTM D 648
Melting Temperature	222	°C	ASTM D 3418
Vicat Temperature	205	°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	1.5	%	ASTM D 570
Density	1450	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Regional Availability

Europe