

Material Data Sheet



Material Code: Sapylen PPGF30-HB

Material Description : Sapylen GF30HB is Homopolymer polypropylene Filled by 30% Glass Fiber For Automobile Parts and injection Molding.

Mechanical Properties	Value	Unit	Standard
Density	1.13±0.05	g/Cm ³	ASTM D 792
Linear Mold Shrinkage	0.3-0.5	%	ISO 294
Filler Content(700°C , 30 min)	30±2	%	ISO 3451
Tensile stress @ Break	min 60	MPa	ASTM D638
Elongation @ Break	min 4	%	ASTM D638
Izod Impact Notched @ 23°C	min 4	kJ/m ²	ASTM D256

Thermal Properties

MFI(230°C/2.16kg)	min 6	gr/10min	ASTM 1238
HDT (120°C/h,1.8 MPa)	min 125	°C	ASTM D648

Color Matching

ΔE	≤1	Ral design 0001500	D155084
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