

Material Data Sheet



Material Code: Sapylen ROM9127

Material Description :Sapylen ROM9127 is materials based on polypropylene that is blended with components impact modifiers, mineral fillers and stabilizers and provide properties such as improved strength and stiffness, while maintaining the low density and chemical resistance known for polypropylenes.it optimised for automobile parts and injection Molding.

Mechanical Properties	Value	Unit	Standard
Density	1.02±0.02	g/Cm ³	ASTM D 792
Shirnkage	min 1.4	%	ASTM D955
Filler Content(600°C , 30 min)	17-20	%	ASTM D5630
Tensile strength @ yield	min 19	MPa	ASTM D638
Elongation @ Break	min 30	%	ASTM D638
Flexural Modulus	min 1765	MPa	ASTM D638
Izod Impact Notched @ 23°C	min 68.6	J/m	ASTM D256
Izod Impact Notched @ -10°C	min 35	J/m	ASTM D256
Hardness(23°C)	min 85	ShoreD/15sec	ASTM D785

Thermal Properties

MFI(230°C/2.16kg)	12±2	gr/10min	ASTM 1238
HDT (120°C/h,455 kPa)	min 95	°C	ASTM D648

Color Matching

ΔE	≤0.5	Ral design 0001500	D155084
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