

PRODUCT INFORMATION

Category	Speciality Filled & Reinforced Polypropylene Compound
Grade Name	S 300 BK IM
Features	Impact Modified Chemically Super-Coupled 30% Glass Filled Polypropylene Compound in Black Colour with Excellent Mechanical Properties also has good heat resistance
Application	Automotive, Appliances & Industrial Components
Component	Under-the-Hood Parts, Tanks, Fan Blades, Shourds etc.

Typical Properties	ASTM Method	Units	Typical Value
Melt Flow Index	D 1238	gms/10min	4
Specific Gravity	D 792	—	1.12 ± 0.03
Tensile Strength @ Yield	D 638	kg/cm ²	680
Elongation @ Break	D 638	%	5
Flexural Strength	D 790	kg/cm ²	920
Flexural Modulus	D 790	kg/cm ²	43000
Notched Izod Impact Strength	D 256	kg.cm/cm	16
Heat Deflection Temp. (0.45 MPa)	D 648	°C	155
Shrinkage (Flow Direction)	D 955	%	0.2 – 0.4

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