



PRODUCT INFORMATION

Category **Speciality Filled & Reinforced Polypropylene Compound**

Grade Name **SEB 450**

Features **45% Chemically Coupled Glass Filled Polypropylene Natural Compound having very good Mechanical Properties and also has very good Heat Resistance**

Application **Automotives, Appliances and Industrial Components**

Component **Super-Strength, Under-the-Hood, Wear-Resistant Parts**

Typical Properties	ASTM Method	Units	Typical Value
Melt Flow Index	D 1238	Gms/10min	2
Specific Gravity	D 792	—	1.26 ± 0.02
Tensile Strength @ Yield	D 638	kg/cm ²	1200
Elongation @ Break	D 638	%	2
Flexural Strength	D 790	kg/cm ²	1700
Flexural Modulus	D 790	kg/cm ²	85000
Notched Izod Impact Strength	D 256	kg.cm/cm	12
Heat Deflection Temp. (4.6 kg/cm ²)	D 648	°C	165
Shrinkage (Flow Direction)	D 955	%	0.1 – 0.3

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