

HIPRENE HSG42

HiPrene® HSG42 is 20% short glass fibre reinforced polypropylene compound. This grade has very good mechanical and thermal properties. It is suitable for many different application in Automotive and Home appliance industry where is necessary to have high stiffness.

	Properties	Test condition	Method	Unit	Value
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	min. 10
Hardness	Rockwell Hardness	R-Scale	ISO 2039-2/R		min. 100
Physical	Melt Mass-Flow Rate		ISO 1133-2/A	g/10min	5
	Specific Gravity		ISO 1183	g/cm³	1,04
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	min. 160
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	min. 70
	Flexural Modulus	23°C	ISO 178/B	MPa	min. 3900