

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 applications in automotive and home appliance industry where it is necessary to have high stiffness.

	Properties	Test condition	Method	Unit	Value
Physical	Melt Mass-Flow Rate		ISO 1133-2/A	g/10min	5
	Specific Gravity		ISO 1183	g/cm ³	1,04
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	min. 70
	Flexural Modulus	23°C	ISO 178/B	MPa	min. 3900
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
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	min. 160

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specific uses cannot be derived. We recommend additional tests with regard to the suitability. Guarantee occurs within the scope of our general terms of sale and terms of delivery.