

HiPrene HLG73BHE

HiPrene HLG73BHE is the 20% long glass fiber reinforced polypropylene compound. The grade is blended with homopolymer. It has very good mechanical and thermal properties. It can replace other engineering plastics where necessary to have high stiffness and high impact resistance. It is suitable for many different applications in Automotive and Home appliance industry.

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity		ISO 1183	g/cm ³	1,13
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	125
	Nominal Tensile S-train at Break	23° C	ISO 527-2/1A/50	%	2,5
	Flexural Modulus	23°C	ISO 178/B	MPa	5200
Impact	Charpy Impact Strength Notched	23°C	ISO 179/A/23°C	KJ/m ²	18
	Charpy Impact Strength Notched	-30°C	ISO 179/A/-30°C	KJ/m ²	19
Hardness	Rockwell Hardness	R-Scale	ISO 2039-2/R		100
Thermal	Temperature of De- flexion under Load (HDT)		ISO 75-2/A	°C	160
	Ash Content	600°C	ISO 3451-1/A600°C	%	30

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 specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delivery.