

HIPRENE HLG73BHE

HiPrene® HLG73BHE is the 30% long glass fiber reinforced polypropylene compound. This grade is blended with homopolymer. It has very good mechanical and thermal properties. It can replace other engineering plastics where is necessary to have high stiffness and high impact resistance. It is suitable for many different application in Automotive and Home appliance industry.

	Properties	Test condition	Method	Unit	Value
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
Physical	Specific Gravity		ISO 1183	g/cm ³	1,13
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	160
	Ash Content	600°C	ISO 3451-1/A600°C	%	30
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	125
	Nominal Tensile Strain at Break	23° C	ISO 527-2/1A/50	%	2,5
	Flexural Modulus	23°C	ISO 178/B	MPa	5200