

HiPrene HLG73BEG

HiPrene HLG73BEG is the 20% long glass fiber reinforced polypropylene compound. The grade has excellent mechanical and thermal properties. It can replace other engineering plastics where it is necessary to have high stiffness and high impact resistance. It is suitable for many different applications in Automotive and Home appliance industry. The material's special impact modified.

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity		ISO 1183	g/cm ³	1,11
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	102
	Nominal Tensile S-train at Break	23° C	ISO 527-2/1A/50	%	2,3
	Flexural Strength		ISO 178	MPa	134
	Flexural Modulus		ISO 178	MPa	5400
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	22
	Notched Izod Impact Strength	-30°C	ISO 180/A/-30°C	KJ/m ²	23
	Charpy Impact Strength Notched	23°C	ISO 179/A/23°C	KJ/m ²	24
	Charpy Impact Strength Notched	-30°C	ISO 179/A/-30°C	KJ/m ²	25
Hardness	Rockwell Hardness	R-Scale	ISO 2039-2/R		89
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	162

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 delievery.