

HiPrene HLG72NHE

HiPrene

HiLG72NHE is a 120% long glass fiber reinforced polypropylene compound. This material has very good mechanical and thermal properties. It can replace other engineering plastics when it is necessary to have high stiffness. It is suitable for many different applications in Automotive and Home Appliance Industry.

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity		ASTM D792	g/cm ³	1,02
Mechanical	Tensile Stress at Yield		ASTM D638	MPa	100
	Tensile Strain at Break		ASTM D638	%	4,5
	Flexural Modulus	23°C (2mm/min)	ASTM D790	MPa	4600
Impact	Izod Impact Strength	23°C	ASTM D256	KJ/m ²	17
Hardness	Rockwell Hardness	R-Scale	ASTM D785		105
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	GS Method	%	20

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. Guarantee occurs within the scope of our general terms of sale and terms of delivery.