

HIPRENE HLG72NHE

HiPrene

© HLG72NHE is a 20% long glass fiber reinforced polypropylene compound. This material has very good mechanical and thermal properties. It can replace other engineering plastics where is necessary to have high stiffness. It is suitable for many different application in Automotive and Home Appliance Industry.

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