

HIPRENE HLG75BE

HiPrene® HLG75BE is the 50% long glass fiber reinforced polypropylene compound. This grade has excellent 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	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	27
Hardness	Rockwell Hardness	R-Scale	ISO 2039-2/R		100
Physical	Specific Gravity		ISO 1183	g/cm ³	1,28
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	157
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	168
	Nominal Tensile Strain at Break	23° C	ISO 527-2/1A/50	%	2
	Flexural Strength		ISO 178	MPa	189
	Flexural Modulus		ISO 178	MPa	8430