

# 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 when it is necessary to have high stiffness and high impact resistance. It is suitable for many different applications in Automotive and Farm appliance industry.

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,28
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	168
	Nominal Tensile S-train at Break	23° C	ISO 527-2/1A/50	%	2
	Flexural Strength		ISO 178	MPa	189
	Flexural Modulus		ISO 178	MPa	8430
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	27
Hardness	Rockwell Hardness	R-Scale	ISO 2039-2/R		100
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	157

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 delivery.