

HIPRENE HLG72BBE

HiPrene® HLG72BBE is polypropylene with 20% long glass fibers-blended type with impact copolymer. This material combines excellent strength and stiffness with perfect impact resistance at low temperatures also. This grade is available in black color.

	Properties	Test condition	Method	Unit	Value
Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m ²	27
Hardness	Rockwell Hardness	R-Scale	ISO 2039		98
Physical	Specific Gravity		ISO 1183	g/cm ³	1,02
Thermal	Head Deflection Temperature B		ISO 75-2/B	°C	156
	Volatile Matters		GS Method	%	0,12
	Ash Content	900°C	ISO 3451	%	20
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	85
	Tensile Strain at Break		ISO 527-2	%	5
	Flexural Modulus ¹	23°C / 2mm/min	ISO 178	MPa	4000