

# HIPRENE HSG44

HiPrene® HSG44 is a 40% glass fiber filled polypropylene compound suitable for injection moulding. This material combines good stiffness, good processability and surface finish. It has been developed for Industrial Parts and Non-visible Automotive Parts. This material is available in natural or black color.

	Properties	Test condition	Method	Unit	Value
Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m <sup>2</sup>	13
Hardness	Rockwell Hardness	R-Scale	ISO 2039		106
Physical	Melt Mass-Flow Rate		ISO 1133	g/10min	2,5
	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,21
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	40
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	120
	Flexural Modulus		ISO 178	MPa	9000
	Tensile Strain at Yield		ISO 527-2	%	4