

# HIPRENE HSG43HT

HiPrene®HSG43HT is a glass fiber filled polypropylene compound suitable for injection moulding. This material excellent Long-Term Thermal Stability and combines good stiffness, good processability and surface finish. It has been developed especially for Automotive applications where high heat resistance is necessary. This material is available in black color.

	Properties	Test condition	Method	Unit	Value
Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m <sup>2</sup>	8,5
Hardness	Rockwell Hardness	R-Scale	ISO 2039		106
Physical	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,14
	Melt Mass-Flow Rate		ISO 1133	g/10min	3,5
Thermal	Ash Content	600°C	ISO 3451	%	30
	Volatile Matters		GS Method	%	0,12
Mechanical	Flexural Modulus <sup>1</sup>	23°C / 2mm/min	ISO 178	MPa	6000
	Tensile Strain at Yield		ISO 527-2	%	4,5
	Tensile Stress at Yield		ISO 527-2	MPa	95