

HIPRENE HT44VE

HiPrene®HT44VE is a 40% mineral filled polypropylene compound suitable for injection moulding. This material has excellent Long-Term Thermal Stability and very good balanced mechanical properties. This grade is especially designed for applications where high heat resistance is necessary. 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	4
Hardness	Rockwell Hardness	R-Scale	ISO 2039		95
Physical	Specific Gravity		ISO 1183	g/cm ³	1,24
	Melt Mass-Flow Rate		ISO 1133	g/10min	13
Thermal	Ash Content	600°C	ISO 3451	%	40
	Volatile Matters		GS Method	%	0,1
Mechanical	Flexural Modulus ¹	23°C / 2mm/min	ISO 178	MPa	5000
	Tensile Strain at Yield		ISO 527-2	%	3
	Tensile Stress at Yield		ISO 527-2	MPa	34