

HIPRENE HT44T

HiPrene® HT44T is a 40% mineral filled polypropylene compound suitable for injection moulding. This material has a good flowability and excellent balanced mechanical properties. This grade is available in natural or color-matched, pellet form.

	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	Melt Mass-Flow Rate		ISO 1133	g/10min	8
	Specific Gravity		ISO 1183	g/cm ³	1,24
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	40
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	35
	Tensile Strain at Break		ISO 527-2	%	6
	Flexural Modulus ¹	23°C / 2mm/min	ISO 178	MPa	5000