

HIPRENE HT42 (CHARPY)

HiPrene® HT42 is a 20% 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	Notched Charpy Impact Strength	23°C	ISO 179/1eA	KJ/m ²	4
Hardness	Rockwell Hardness	R-Scale	ISO 2039		98
Physical	Melt Mass-Flow Rate		ISO 1133	g/10min	10
	Specific Gravity		ISO 1183	g/cm ³	1,06
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	20
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	36
	Tensile Strain at Yield		ISO 527-2	%	10
	Flexural Modulus ¹	23°C / 2mm/min	ISO 178	MPa	2800