

HiPrene HT42

HiPrene HT42 is a 20% mineral filled medium melt flow polypropylene compound suitable for injection moulding. This material has a good flexibility and excellent balanced mechanical properties with high stiffness and is primarily designed for Home Appliance Parts but is suitable for other parts in automotive industry under the bonnet parts. This grade is available in natural or color masterbatch pellet form.

	Properties	Test condition	Method	Unit	Value
Impact	Notched Charpy Impact Strength	23°C	ISO 179/1eA	KJ/m ²	4
	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	30
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
	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	140
	Mechanical	Flexural Modulus	23°C (2mm/min)	ISO 178	MPa
Tensile Stress at Yield			ISO 527-2	MPa	36
Tensile Strain at Yield			ISO 527-2	%	10

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delivery.