

HIPRENE MT42TB

HiPrene®MT42TB is a medium 20% mineral filled, impact modified polypropylene compound suitable for injection moulding. This material has very good impact/stiffness balance. This grade is primarily designed for invisible C/PAD but it is suitable also for other interior parts where is necessary to have high impact resistance. This grade is paintable and is available in natural or color-matched, pellet form.

	Properties	Test condition	Method	Unit	Value
Impact	Izod Impact Strength	23°C	ASTM D256	KJ/m ²	45
Hardness	Rockwell Hardness	R-Scale	ASTM D785		65
Physical	Melt Mass-Flow Rate		ASTM D1238	g/10min	9
	Specific Gravity		ASTM D792	g/cm ³	1,03
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	GS Method	%	20
Mechanical	Tensile Stress at Yield		ASTM D638	MPa	18
	Tensile Strain at Break		ASTM D638	%	50
	Flexural Modulus ¹	23°C	ASTM D790	MPa	1700