

HIPRENE MT42HS

HiPrene®MT42HS is a 20% mineral filled, impact modified polypropylene compound suitable for injection moulding. This material combines excellent impact/stiffness balance, high scratch resistance and good flowability. It gives a good surface quality and is especially designed for esthetical interior parts such as instrument panels, lower and upper dashboard, door panels and trims. This grade 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	30
Hardness	Rockwell Hardness	R-Scale	ASTM D785		65
Physical	Melt Mass-Flow Rate		ASTM D1238	g/10min	13
	Specific Gravity		ASTM D792	g/cm ³	1,05
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	GS Method	%	21
Mechanical	Tensile Stress at Yield		ASTM D638	MPa	22
	Tensile Strain at Break		ASTM D638	%	150
	Flexural Modulus ¹	23°C	ASTM D790	MPa	2200