

HIPRENE MT41VG

HiPrene®MT41VG is a 10% mineral filled, elastomer modified polypropylene compound suitable for injection moulding. This material has an excellent balance between impact strength and stiffness. It gives a good surface quality and is especially designed for esthetical interior parts such as lower and upper dashboard, instrument panel, door and pillar trims. 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	30
Hardness	Rockwell Hardness	R-Scale	ISO 2039		65
Physical	Melt Mass-Flow Rate		ISO 1133	g/10min	13
	Specific Gravity		ISO 1183	g/cm ³	0,97
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	10
	Head Deflection Temperature B		ISO 75-2/B	°C	95
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	23
	Tensile Strain at Break		ISO 527-2	%	6
	Flexural Modulus ¹	23°C / 2mm/min	ISO 178	MPa	1750