

HIPRENE MT41VD

HiPrene®MT41VD is a 15% mineral filled, impact modified polypropylene compound suitable for injection moulding. This material has been developed for highly demanding aesthetic automotive application, with perfect scratch resistance and UV stabilization. It is especially suitable for car interior applications requiring ductility, because of its high impact resistance and requiring very high scratch resistance because of location in the car interior. 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		70
Physical	Melt Mass-Flow Rate		ISO 1133	g/10min	12
	Specific Gravity		ISO 1183	g/cm ³	1,02
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	16
	Head Deflection Temperature B		ISO 75-2/B	°C	110
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	22
	Tensile Strain at Break		ISO 527-2	%	6
	Flexural Modulus ¹	23°C / 2mm/min	ISO 178	MPa	1750