

# HiPrene MT52VF

HiPrene

HiPrene MT52VF is a 2001-revised HiPrene impact modified polypropylene compound suitable for injection moulding. This material combines excellent impact/toughness balance, high scratch resistance and good flowability. It gives a good surface quality and is especially designed for aesthetic interior parts such as instrument panels, lower and upper dashboard, door panels and trim. This grade is available in natural or color-matched pellet form.

	Properties	Test condition	Method	Unit	Value
Physical	Melt Mass-Flow Rate		ISO 1133	g/10min	22
	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,04
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	20
	Tensile Strain at Break		ISO 527-2	%	5,5
	Flexural Modulus	23°C (2mm/min)	ISO 178	MPa	2000
Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m <sup>2</sup>	25
Hardness	Rockwell Hardness	R-Scale	ISO 2039		70
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	20
	Head Deflection Temperature B		ISO 75-2/B	°C	95

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.

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