

# HiPrene MT41VD

HiPrene MT41VD is a 50% mineral filled impact modified polypropylene compound suitable for injection moulding. The material has been developed for highly demanding aesthetic automotive applications, with perfect scratch resistance and UV stabilisation. It is especially suitable for car interior applications requiring durability, 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
Physical	Melt Mass-Flow Rate		ISO 1133	g/10min	12
	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,02
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	22
	Tensile Strain at Break		ISO 527-2	%	6
	Flexural Modulus	23°C (2mm/min)	ISO 178	MPa	1750
Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m <sup>2</sup>	30
Hardness	Rockwell Hardness	R-Scale	ISO 2039		70
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	16
	Head Deflection Temperature B		ISO 75-2/B	°C	110

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.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delivery.