

# HiPrene HT44VE

HiPrene HT44VE is a 40% mineral filled polypropylene compound suitable for injection moulding. The material has excellent Long-Term Thermal Stability and very good balanced mechanical properties. This grade is especially designed for applications where high heat resistance is necessary. This grade is available in black color.

	Properties	Test condition	Method	Unit	Value
Mechanical	Flexural Modulus	23°C (2mm/min)	ISO 178	MPa	5000
	Tensile Strain at Yield		ISO 527-2	%	3
	Tensile Stress at Yield		ISO 527-2	MPa	34
Physical	Melt Mass-Flow Rate		ISO 1133	g/10min	13
	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,24
Thermal	Ash Content	600°C	ISO 3451	%	40
	Volatile Matters		GS Method	%	0,1
Hardness	Rockwell Hardness	R-Scale	ISO 2039		95
Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m <sup>2</sup>	4

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.