

HiPrene MT52FL

HiPrene® MT52FL is a medium melt flow, 20% mineral filled polypropylene compound. This material has good flow properties and good impact/stress balance. It is primarily designed for industrial parts.

	Properties	Test condition	Method	Unit	Value
Physical	Melt Mass-Flow Rate		ISO 1133-2/A	g/10min	18
	Specific Gravity		ISO 1183	g/cm ³	1,05
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	27
	Nominal Tensile S-train at Break	23° C	ISO 527-2/1A/50	%	15
	Flexural Modulus	23°C	ISO 178/B	MPa	2200
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	65
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	135
	Volatile Matters		GS Standard SOP003	%	max. 0,15
	Ash Content	600°C	ISO 3451-1/A600°C	%	20

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 delievery.