

HiPrene MT41DB

HiPrene® MT41DB is a medium melt flow, 30% mineral filled polypropylene compound. The grade is UV stabilized and high impact modified. This grade contains anti-scratch agent and primarily is designed for dinner parts where it is necessary to have high impact and scratch resistance.

	Properties	Test condition	Method	Unit	Value
Physical	Melt Mass-Flow Rate		ISO 1133-2/A	g/10min	11
	Specific Gravity		ISO 1183	g/cm ³	0,98
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	20
	Nominal Tensile S-train at Break	23° C	ISO 527-2/1A/50	%	25
	Flexural Strength		ISO 178/B	MPa	32
	Flexural Modulus	23°C	ISO 178/B	MPa	1500
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	KJ/m ²	32
Hardness	Rockwell Hardness	R-Scale	ISO 2039-2/R		60
Thermal	Volatile Matters		GS Standard SOP003	%	max. 0,15
	Ash Content	600°C	ISO 3451-1/A600°C	%	11

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.