

HiPrene MT42HS

HiPrene MT42HS is a 20% mineral filled, 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 technical interior parts such as instrument panels, lower and upper dashboard, door panels and bins. This grade is available in natural or color matched, pellet form.

	Properties	Test condition	Method	Unit	Value
Physical	Melt Mass-Flow Rate		ASTM D1238	g/10min	13
	Specific Gravity		ASTM D792	g/cm ³	1,05
Mechanical	Tensile Stress at Yield		ASTM D638	MPa	22
	Tensile Strain at Break		ASTM D638	%	150
	Flexural Modulus	23°C (2mm/min)	ASTM D790	MPa	2200
Impact	Izod Impact Strength	23°C	ASTM D256	KJ/m ²	30
Hardness	Rockwell Hardness	R-Scale	ASTM D785		65
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	GS Method	%	21

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. Guarantee occurs within the scope of our general terms of sale and terms of delivery.