

HiPrene MSG43E

HiPrene MSG43E is a 20% glass fiber filled, impact modified polypropylene compound suitable for injection moulding. This material combines excellent impact/toughness balance and high heat stability. 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	2,5
	Specific Gravity		ISO 1183	g/cm ³	1,13
Mechanical	Tensile Stress at Yield		ISO 527-2	MPa	65
	Tensile Strain at Break		ISO 527-2	%	7,5
	Flexural Modulus	23°C (2mm/min)	ISO 178	MPa	4700
Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m ²	35
Hardness	Rockwell Hardness	R-Scale	ISO 2039		85
Thermal	Volatile Matters		GS Method	%	0,15
	Ash Content	600°C	ISO 3451	%	33

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.