

# HiPrene HSG44

HiPrene® HSG44 is a 40% glass fiber filled polypropylene compound suitable for injection moulding. This material combines good stiffness, good processability and surface finish. It has been developed for Industrial Parts and Non-visible Automotive Parts. This material is available in natural or black color.

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity		ISO 1183	g/cm <sup>3</sup>	1,21
	Melt Mass-Flow Rate		ISO 1133	g/10min	2,5
Mechanical	Flexural Modulus		ISO 178	MPa	9000
	Tensile Stress at Yield		ISO 527-2	MPa	120
	Tensile Strain at Yield		ISO 527-2	%	4
	Impact	Charpy Impact Strength Notched	23°C	ISO 179/1eA	KJ/m <sup>2</sup>
Hardness	Rockwell Hardness	R-Scale	ISO 2039		106
Thermal	Volatile Matters		GS Method	%	0,1
	Ash Content	600°C	ISO 3451	%	40

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.