

HIPRENE MG42SIX

HiPrene® MG42SIX is 20% glass fibre reinforced polypropylene compound. This grade has very good impact/stiffness balance. It is suitable for many different application in Automotive and Home appliance industry where is necessary to have high stiffness and high impact. This grade is UV stabilized.

	Properties	Test condition	Method	Unit	Value
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	25
Hardness	Rockwell Hardness	R-Scale	ISO 2039-2/R		75
Physical	Melt Mass-Flow Rate		ISO 1133-2/A	g/10min	7
	Specific Gravity		ISO 1183	g/cm ³	1,06
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	min. 160
	Ash Content	600°C	ISO 3451-1/A600°C	%	20
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	50
	Nominal Tensile Strain at Break	23° C	ISO 527-2/1A/50	%	6
	Flexural Strength		ISO 178/B	MPa	90
	Flexural Modulus	23°C	ISO 178/B	MPa	3800