

HIPRENE MT42FL

HiPrene® MT42FL is a medium melt flow, 20% mineral filled polypropylene compound. This material has good flow properties and good impact/stiffness balance. It is primarily designed for Industrial Parts.

	Properties	Test condition	Method	Unit	Value
Impact	Notched Izod Impact Strength	23°C	ISO 180/A	J/m	65
Physical	Melt Mass-Flow Rate		ISO 1133-2/A	g/10min	12
	Specific Gravity		ISO 1183	g/cm ³	1,05
Thermal	Temperature of Deflection under Load (HDT)		ISO 75-2/A	°C	135
	Volatile Matters		GS Standard SOP003	%	max. 0,15
	Ash Content	600°C	ISO 3451-1/A600°C	%	20
Mechanical	Tensile Strength	23° C	ISO 527-2/1A/50	MPa	27
	Nominal Tensile Strain at Break	23° C	ISO 527-2/1A/50	%	15
	Flexural Modulus	23°C	ISO 178/B	MPa	2700