

## HiPrene® MT63I

Polypropylene Compound

### Product Description

HiPrene® MT63I is high melt flow, 16% mineral filled polypropylene compound. This grade has very good impact/stiffness balance. This grade is primarily designed for the Automotive Parts-Dashboard but it is suitable for other interior parts where it is necessary to have high impact resistance. This grade is specific for its low odor and emission values.

### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method Used</b>	ISO
<b>Availability</b>	Europe/Asia
<b>Features</b>	Mineral Filler Reinforced/Impact Modified/Low Odor and Emission
<b>Typical Customer Applications</b>	Automobile Parts/Dashboard/Dashboard

### Typical Properties

Physical	Symbol	Test Method	Unit	Specification
Melt Mass-Flow Rate	MFR	ISO 1133-2/A	g/10min	<b>16 ± 2</b>
Specific Gravity	$\rho$	ISO 1183	g/cm <sup>3</sup>	<b>1,04 ± 0,02</b>
Molding Shrinkage	S <sub>M</sub>	ISO 294-4	%	-
Mechanical	Symbol	Test Method	Unit	Specification
Tensile Strength	$\sigma_m$	ISO 527-2/1A/50	MPa	<b>18</b>
Nominal Tensile Strain at Break	$\epsilon_{tB}$	ISO 527-2/1A/50	%	<b>50</b>
Flexural Strength	$\sigma_{fm}$	ISO 178/B	Mpa	<b>20</b>
Flexural Modulus	E <sub>f</sub>	ISO 178/B	MPa	<b>1700</b>
Impact	Symbol	Test Method	Unit	Specification
Notched IZOD Impact Strength @ 23°C	a <sub>IN23°C</sub>	ISO 180/A/23°C	kJ/m <sup>2</sup>	<b>35</b>
Hardness	Symbol	Test Method	Unit	Specification
Rockwell Hardness (R-Scale)	HR-R	ISO 2039-2/R	-	<b>N/A</b>
Thermal	Symbol	Test Method	Unit	Specification
Temperature of Deflection under Load (HDT)	T <sub>f</sub>	ISO 75-2/A	°C	<b>N/A</b>
Volatile Matters		GS Standard SOP003	%	<b>max. 0,15</b>
Ash Content @ 600°C	Ash <sub>600°C</sub>	ISO 3451-1/A/600°C	%	<b>20 ± 2</b>

### Notes

Typical properties; not to be constructed as specifications

### Contact

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