

For multi-cavity parts, MI = 27

## Properties

Property	Nominal Value <sup>1</sup>	Unit	Test Method
Physical	Density	1.41 g/cm <sup>3</sup>	ISO 1183
	Water Absorption	0.2 %	ISO 62
	Mold Shrinkage (t3mm, Ø100mm)	2 %	KEP (Flow Direction)
Mechanical	Tensile Strength	65 MPa	ISO 527
	Elongation at Yield	8 %	ISO 527
	Nominal Strain at Break	25 %	ISO 527
	Flexural Strength	90 MPa	ISO 178
	Flexural Modulus	2700 MPa	ISO 178
	Notched Charpy Impact Strength	5.5 kJ/m <sup>2</sup>	ISO 179
Thermal	Melt Flow Rate	27 g/10min	ISO 1133
	Melting Point	165 °C	ISO 3146
	HDT(1.8MPa)	101 °C	ISO 75
	Coefficient of Linear Thermal Expansion	12 x10 <sup>-5</sup> /°C	ISO 11359
Electrical	Surface Resistivity	1 x 10 <sup>16</sup> Ω	IEC 60093
	Volume Resistivity	1 x 10 <sup>14</sup> Ω · m	IEC 60093
	Dielectric Strength	19 kV/mm	IEC 60243
Flammability	Flame Rating	HB	UL 94

<sup>1</sup>Typical properties: these are not to be construed as specifications.

## Automotive OEM Approvals

Manufacturer	Specification	Notes
GM	GMP.POM.021	These grades are not converted into GMW spec. Only existing GMP spec.
GM	QK 005641	These grades are not converted into GMW spec. Only existing GMP spec. Material specification at OPEL.
GM	GMW22P-POM-C4	These grades are not converted into GMW spec. Only existing GMP spec.
RSM (Renault Samsung Motor) (Korea only)	FEM	

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