

## Armlen PP-12IM

A mineral filled polypropylene copolymer, impact modified, UV-stabilized.  
Designed for injection moulding of various automotive exterior parts and items.  
Available in color.

Properties	Test Method	Unit	Typical value
<b>MISCELLANEOUS</b>			
Density	ISO 1183	kg/m <sup>3</sup>	1,01
Tensile Strength	ISO 527-1	MPa	18
Elongation at Break	ISO 527-1	MPa	100
Flexural Modulus	ISO 178	MPa	1600
Charpy Impact Strength at +23°C (un-notched)	ISO 179-1	kJ/m <sup>2</sup>	60
Izod Impact Strength, Method A at -20°C (notched)	ISO 179-1	kJ/m <sup>2</sup>	≥5,5
<b>THERMAL</b>			
Melting Point	ISO 11357	°C	160
Deflection Temperature at 0.45 MPa load	ISO 75	°C	98
<b>PROCESSING</b>			
Melt Flow Rate (230 °C; 2,16 kg)	ISO 1133	g/10 min	25
Mold Temperature		°C	60
Moulding Shrinkage (sample D2)	ISO 294-4	%	0,75-0,85

*Comment: All processing parameters as well as information on shrinkage specimen should be requested from the manufacturer.*

*If stored in a dry warehouse – dehydration not required*

*Date of issue 10.04.2017*

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