

## Armlen PP MF 25-3

A 20% mineral filled, heat stabilized polypropylene composition.

Designed for injection moulding of various automotive non-visible parts (e.g. dashboard air duct).

Available in natural and black colors.

Properties	Test Method	Unit	Typical value
<b>MISCELLANEOUS</b>			
Density	ISO 1183	kg/m <sup>3</sup>	1030
Stress at Yield at Break	ISO 527-1	MPa	33
Flexural Modulus	ISO 178	MPa	2900
Izod Impact Strength at +23°C (notched)	ISO 180	kJ/m <sup>2</sup>	4
Izod Impact Strength at +23°C (notched), method A	ISO 180	kJ/m <sup>2</sup>	26
<b>THERMAL</b>			
Melting Point	ISO 11357	°C	218
Deflection Temperature at 0.45 MPa load	ISO 75	°C	125
Deflection Temperature at 1.8 MPa load	ISO 75	°C	80
<b>PROCESSING</b>			
Melt Flow Rate (250 °C; 2,16 kg)	ISO 1133	g/10 min	12
Melt Temperature		°C	235
Mold Temperature		°C	60
Moulding Shrinkage, parallel	ISO 294-4	%	1,2-1,4
Moulding Shrinkage, normal	ISO 294-4	%	1,2-1,4

*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*