

Armlen PP-10IM

A mineral filled, impact modified polypropylene composite material.

Designed for injection moulding of various automotive exterior parts and items (e.g. bumper).

Properties	Test Method	Unit	Typical Value
MISCELLANEOUS			
Density	ISO 1183	kg/m ³	1030
Tensile Strength	ISO 527-1	MPa	19
Flexural Modulus	ISO 178	MPa	1550
Izod impact strength at +23°C (notched)	ISO 180	kJ/m ²	45
Izod impact strength at -30°C (notched)	ISO 180	kJ/m ²	7
TERMAL			
Melting Point	ISO 11357	°C	162
Deflection Temperature at 1.8 MPa load	ISO 75	°C	53
PROCESSING			
Melt Flow Rate (230 °C; 2,16 kg)	ISO 1133	g/10 min	25
Melt Temperature		°C	220
Mold Temperature		°C	35
Moulding Shrinkage	ISO 294-4	%	0,6

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

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