



## Armlen PP MF 20-2HS

Is a 20% mineral filled polypropylene, heat stabilized.

Designed for injection moulding of various items and parts for construction, electrical tools, machine engineering, household appliances, transportation etc. Available in black color.

Properties	Test Method	Unit	Value
<b>PHYSICAL-MECHANICAL</b>			
Density	ISO 1183	kg/m <sup>3</sup>	1050
Flexural Modulus, 23°C	ISO 178	MPa	2200
Izod Notched Impact Strength, +23°C	ISO 180/1A	kJ/m <sup>2</sup>	3
Tensile Strength at yield	ISO 527	MPa	28
Tensile Elongation at yield	ISO 527	%	6
<b>THERMAL</b>			
Melting Point	ISO 11357	°C	162
Temp. of deflection under load, 1.80 MPa	ISO 75-1/-2	°C	80
<b>PROCESSING</b>			
Melt flow index, (230 °C; 2,16 kg)	ISO 1133	g/10 min	14
Mold Shrinkage	ISO 294-4	%	1.05-1.10
Melt Temperature		°C	235
Mold Temperature		°C	60

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