

## Technical Data Sheet

### Hostacom M2 U01



Polypropylene Compounds

#### Product Description

Hostacom M2 U01 is a 20% mineral filled PP homopolymer with high melt flow rate. This grade is delivered in natural color version.

**Application** Automotive Parts

**Processing Method** Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	18	cm <sup>3</sup> /10 min	ISO 1133-1
Density, (23 °C)	1.04	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	2700	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	2600	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	6	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	2.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
(0 °C)	1.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched			
(23 °C)	32	kJ/m <sup>2</sup>	ISO 179-1/1eU
(0 °C)	18	kJ/m <sup>2</sup>	ISO 179-1/1eU
<b>Thermal</b>			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	115	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	65	°C	ISO 75A-1, -2