

**Product Texts**

Novodur® PM HH 300 is particularly suitable as heat resistance and impact modifier for rigid PVC, SAN and ABS. The polybutadiene content of this material is about 12%.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	5.5	cm <sup>3</sup> /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2700	MPa	ISO 527
Yield stress	58	MPa	ISO 527
Yield strain	3.1	%	ISO 527
Nominal strain at break	8	%	ISO 527
Stress at break	40	MPa	ISO 527
Charpy impact strength, +23°C	140	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	80	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	6	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	114	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	102 <sup>[ann.]</sup>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	110 <sup>[ann.]</sup>	°C	ISO 75-1/-2
Vicat softening temperature, B	111	°C	ISO 306

ann.: annealed

Other properties	Value	Unit	Test Standard
Density	1050	kg/m <sup>3</sup>	ISO 1183
Bulk density	500	kg/m <sup>3</sup>	-

**Characteristics****Processing**

Other Extrusion

**Delivery form**

Powder

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Features**

Blending Resin

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa