

Novodur® PM HH 300
ABS

INEOS Styrolution

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%.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5.5	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
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
Impact Strength (Charpy), +23°C	140	kJ/m ²	ISO 179/1eU
Impact Strength (Charpy), -30°C	80	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	11	kJ/m ²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	6	kJ/m ²	ISO 179/1eA
Ball Indentation Hardness	114	MPa	ISO 2039-1

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	102 ^[ann.]	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	110 ^[ann.]	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	111	°C	ISO 306
ann.: annealed			

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1050	kg/m ³	ISO 1183
Bulk density	500	kg/m ³	-

Characteristics

Processing

Other Extrusion

Special Characteristics

Impact modified, Heat aging stabilized

Delivery form

Powder

Features

Blending Resin

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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