

Novodur® 450

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	27	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Yield stress	48	MPa	ISO 527
Strain at break	34	%	ISO 527
Flexural modulus, 23°C	2400	MPa	ISO 178
Izod notched impact strength	7	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	92	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	96	°C	ISO 75-1/-2
ASTM Data			
Vicat Temperature	99	°C	ASTM D 1525

Characteristics**Processing**

Injection Molding

Applications

Electrical and Electronical, Sports Equipment

Delivery form

Pellets

Regional Availability

Asia Pacific