

Novodur® Xspray

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	15	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2090	MPa	ISO 527
Yield stress	43	MPa	ISO 527
Yield strain	2.9	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Flexural strength	64	MPa	ISO 178
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A
Rockwell hardness	R 110	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	93 ^[ann.]	°C	ISO 75-1/-2
Vicat softening temperature, B	96	°C	ISO 306

ann.: annealed

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183
Bulk density	600	kg/m ³	-

Characteristics**Delivery form**

Pellets

Features

Scratch Resistant

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific