

Novodur® MH-102

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	52.4	MPa	ASTM D 638
Elongation at Break	21	%	ASTM D 638
Flexural Modulus	1965	MPa	ASTM D 790
Flexural Strength	81.4	MPa	ASTM D 790
Gardner Impact	36.2	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	256	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	102	°C	ISO 306
ASTM Data			
DTUL @ 66 psi	103	°C	ASTM D 648
DTUL @ 264 psi	100	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ASTM D 792

Film Properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus, MD	2790	MPa	ASTM D 882

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

North America, South and Central America