

Novodur® 530

ABS

INEOS Styrolution

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------------|--------------|------------------------|----------------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 3.5 | cm ³ /10min | ISO 1133 |
| Temperature | 220 | °C | - |
| Load | 10 | kg | - |
| Molding shrinkage, parallel | 0.5 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 2200 | MPa | ISO 527 |
| Yield stress | 41 | MPa | ISO 527 |
| Strain at break | 25 | % | ISO 527 |
| Flexural modulus, 23°C | 2100 | MPa | ISO 178 |
| Izod notched impact strength, +23°C | 30 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 20 | kJ/m ² | ISO 180/1A |
| Temperature | -20 | °C | - |
| Rockwell hardness | R 107 | - | ISO 2039-2 |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 91 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 95 | °C | ISO 75-1/-2 |
| ASTM Data | | | |
| Vicat Temperature | 98 | °C | ASTM D 1525 |
| Other properties | | | |
| Density | 1040 | kg/m ³ | ISO 1183 |

Characteristics**Processing**

Sheet Extrusion, Other Extrusion, Thermoforming

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Applications

Automotive, Sports Equipment

Regional Availability

Asia Pacific