

Product Texts

This grade combines a very high impact strength, even at low temperatures, with a high stiffness and low flow properties. It is typically used for extrusion of flat sheets, corrugated board and corrugated pipes. Health, Safety and Food Contact regulations: Safety Data Sheets (SDS) and Product Safety declarations are available on our Internet site <http://www.SABIC.com>. The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical / medical applications. This grade material is UL registered under File E111275 (www.ul.com). IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Yield strain	5	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	80	kJ/m ²	ISO 179/1eA
Izod notched impact strength	12	kJ/m ²	ISO 180/1A
Shore D hardness	63	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	148	°C	ISO 306
Vicat softening temperature, B	68	°C	ISO 306