

Product Texts

This impact copolymer has a high molecular weight and is provided with a long-term heat stabilisation package. It exhibits high stiffness in combination with very high impact strength even at low temperatures. This material is typically used for extrusion of sewage pipe applications and can also be typically used for blow-moulding of large containers and sheet extrusion. Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC.com> This grade material is UL registered under File E111275 (www.ul.com) IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1450	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	8	%	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	6	kJ/m ²	ISO 180/1A
Shore D hardness	66	-	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	95	°C	ISO 75-1/-2
Vicat softening temperature, A	156	°C	ISO 306
Vicat softening temperature, B	81	°C	ISO 306

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Certifications

Food contact

Features

Copolymer