

Product Texts

This impact copolymer has a high molecular weight and is provided with a long-term heat stabilisation package. It exhibits extra high stiffness in combination with very high impact strength even at low temperatures. This material is typically used for extrusion of non-pressure 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> IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1850	MPa	ISO 527
Yield stress	40	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	N	kJ/m ²	ISO 179/1eA
Izod notched impact strength	5	kJ/m ²	ISO 180/1A
Shore D hardness	70	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	155	°C	ISO 306
Vicat softening temperature, B	80	°C	ISO 306

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Certifications

Food contact

Features

Copolymer