

**Product Texts**

This grade combines an excellent stiffness with high impact resistance. It has a low tendency to warp. Excellent flow in combination with high crystallisation speed enables outstanding processability aiming at easy mould filling and short cycle times. Thanks to the mentioned performance this grade is typically used in several kinds of containers. The excellent gloss level makes this material also favourable for household applications. 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 product is not intended for and must not be used in any pharmaceutical/medical applications. This grade material is UL registered under File E111275 ([www.ul.com](http://www.ul.com)). IMDS 80775790

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1550</b>	MPa	ISO 527
Yield stress	<b>27</b>	MPa	ISO 527
Yield strain	<b>4</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>12.5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	<b>6</b>	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	<b>65</b>	-	ISO 7619-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>60</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>100</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>151</b>	°C	ISO 306
Vicat softening temperature, B	<b>80</b>	°C	ISO 306

**Characteristics****Certifications**

Food contact