

**Product Texts**

SABIC® PMMA 170P is an optical LGP extrusion grade with low foreign matter count and low UV absorbance. The grade is available in pellet form.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	75	MPa	ISO 527
Flexural modulus, 23°C	3300	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Rockwell hardness	98	-	ISO 2039-2

<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	94	°C	ISO 75-1/-2
Vicat softening temperature, B	101	°C	ISO 306
<b>ASTM Data</b>			
Thermal Conductivity, solid state	0.0288	W/(m K)	ASTM C 177

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Haze	0.3	-	ISO 14782
Luminous transmittance	93	%	ISO 13468-1, -2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1190	kg/m <sup>3</sup>	ISO 1183