

## Technical Data

### Product Description

Natural PMMA in powder for compounding by extrusion molding.  
High flow rate, good thermal resistance and good rate stiffness/impact.

### General

Material Status	• Commercial: Active		
Literature <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>		
Availability	• Europe	• Latin America	• North America
Features	• Good Impact Resistance • Good Stiffness	• High Flow • Medium Heat Resistance	
Forms	• Powder		

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	1.19 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	14 g/10 min	ASTM D1238
Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Break)	66.0 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	ASTM D638
Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	13 J/m	ASTM D256
Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (M-Scale)	93	ASTM D785
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed, 3.20 mm	92.0 °C	ASTM D648
Vicat Softening Temperature --	92.0 °C	ASTM D1525 <sup>3</sup>
--	100 °C	ASTM D1525 <sup>4</sup>
Optical	Nominal Value Unit	Test Method
Refractive Index	1.490	ASTM D542
Light Transmittance	92.0 %	ASTM D1003

### Notes

<sup>1</sup> These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

<sup>3</sup> Rate A (50°C/h), Loading 2 (50 N)

<sup>4</sup> Rate B (120°C/h), Loading 1 (10 N)