

Product Texts

SABIC® POM 30RE is a special grade for Rods and Extrusion sheet applications free of center porosity in large diameter and thickness.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Yield stress	61	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Charpy impact strength, +23°C	8.5	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	163	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	91	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1410	kg/m ³	ISO 1183