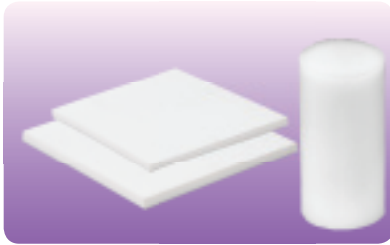


POM Sheet/Rod



FEATURES

- No centerline porosity
- Good dimensional stability
- Low moisture absorption
- Good wear and abrasion resistance properties
- Excellent machinability
- Good combination of mechanical properties
- Chemical resistance to fuels and solvents

APPLICATIONS

- Used in a wide variety of industrial applications requiring good strength and toughness, dimensional stability, wear resistance and the ability to operate in a wet environment with little absorption.
- Material handling, machinery and fluid handling.
- Typical applications are gears, wear strips, bushings, pump parts, fittings and rollers.

SPECIFICATIONS

Sheet		
Length (mm)	Width (mm)	Thickness (mm)
2000	1000	8-100

Rod	
O.D. (mm)	Length (mm)
12-230	1000

PROPERTIES

Item	Units	Value
Density	g/cm ³	1.41
Water Absorption	%	0.22
Tensile Strength	Mpa	60.37
Elongation at Break	%	25
Flexural Strength	Mpa	89
Compressive Strength	Mpa	110
IZOD Impact Strength	KJ/m	7
Rockwell Hardness	RHM	79
Heat Deformation Temperature	°C	158
Volume Resistivity	Ω-cm	1.0x10 ¹⁴
Dielectric Strength	KV/mm	19.7