

HDPE Sheet/Rod/Tube



FEATURES

Light weight, weldable, physiologically inert, electrical insulation, weatherproof, chemical resistance.

APPLICATIONS

Ideal for making insulated and corrosion resistant liners in chemical, electromechanical, food and pharmaceutical industry or can be used to be machined into mechanical parts like gear, bearing, etc.

SPECIFICATIONS

Sheet			
Length (mm)	Width (mm)	Thickness (mm)	Color
2000-10000	800-1200	0.5-8	White
2000-3100	1000-1240	10-200	

Rod		
O.D. (mm)	Length (mm)	Color
10-250	1000	White

Note: Other color is available on request.
We offer cutting and machining service.

PROPERTIES

Item	Unit	Value
Density	g/cm ³	0.95
Water Absorption	%	< 0.01
Working Temperature	°C	-48~82
Tensile Strength	Mpa	29
Elongation at Break	%	300
Impact Strength of Izod	KJ/m ²	800
Hardness	Shore A	65
Linear Expansion Coefficient	10 ⁻⁵ cm/cm°C	1.5-2.5
Thermal Deformation Temperature	°C	85
Surface Resistivity	Ω·cm	10 ¹⁷
Dielectric Strength	KV/mm	75