

## 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 <sup>3</sup>	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 <sup>2</sup>	800
Hardness	Shore A	65
Linear Expansion Coefficient	10 <sup>-5</sup> cm/cm°C	1.5-2.5
Thermal Deformation Temperature	°C	85
Surface Resistivity	Ω·cm	10 <sup>17</sup>
Dielectric Strength	KV/mm	75