



## TEST CERTIFICATE OF HDPE SHEET

Sr, No	Parameter	Value
1.	Density	0.948 g/cc
2.	Apparent Bulk Density	0.59 g/cc
3.	Water Absorption	0.01 %
4.	Hardness, Shore D	62
5.	Tensile Strength, Ultimate	30 MPa
6.	Tensile Strength, Yield	21.9 MPa
7.	Elongation at Break	840%
8.	Tensile Modulus	0.86 GPa
9.	Flexural Modulus	0.928 GPa
10.	Izod Impact, Notched	3.7 J/cm
11.	Tensile Impact Strength	380 kJ/m <sup>2</sup>
12.	Coefficient of Friction	0.28
13.	Melting Point	130°C
14.	Vicat Softening Point	120°C

