

# HDPE Plastic (virgin)

## High Density Polyethylene

HDPE is an ultra-durable plastic sheet prized for its high impact resistance and machinability.

### PROPERTIES/BENEFITS

High Abrasion, Wear and Impact Resistant

Chemical & Corrosion Resistant

Low Moisture Absorption

Low Coefficient of Friction

Light Weight, Durable & Easy to Machine



### APPLICATIONS

Chemical Tanks

Flanges & Fittings

Machinery Parts

Marine Construction

Water Treatment Systems

Bearings & Thermal Breaks

PROPERTIES	TEST METHOD	TYPICAL RESULT
Hardness (Shore D)	ASTM D-785	70 (±5)
Specific Gravity	ASTM D-792	0.97
Elongation	ASTM D-638	400% (min)
Compressive Strength (10% deflection at 73°F (max))	ASTM D-695	4,600 psi
Tensile Strength	ASTM D -638	4,600 psi (min)
Temperature Range		180°F (max)

Request a quote: [sales@grmcp.com](mailto:sales@grmcp.com) Website: [www.grmcp.com](http://www.grmcp.com)

Design/specification help: [eng@grmcp.com](mailto:eng@grmcp.com) Phone: (936) 441-5910

