



PolymerLink



Technology Driven...

Hyperene™ Series

Hexene Copolymer HDPE Rotational Moulding Powder

KEY FEATURES

- Superior Mechanical Properties
- Improved Dimensional Stability
- Easy Processing

CHEMICAL TANKS • SEPTIC TANKS • HYDROGEN LINER TANKS

KAYAKS & BOATS • BOAT DOCKS • SOLAR FLOATS

PRODUCT DESCRIPTION

Hyperene™ Series grades are premium and tough HDPE grades based on Hexene Comonomer, designed to meet the requirements of demanding applications in Rotomoulding. Crafted with the highest quality raw materials, Hyperene grades offer excellent strength and durability, capability of withstanding the harshest environments, low temperature and rigorous usage.

Its superior moldability ensures seamless and precise shaping, enabling the production of intricate and complex designs with ease. Typical applications are Chemical Tanks, Underground Tank Systems, Boats & Kayaks, Boat Docks, Solar Floats, Automotive Fuel Tanks, CNG & Hydrogen Liner Tanks etc.

TECHNICAL DATA

| PROPERTY | TEST METHOD | UNIT | TYPICAL VALUE | | |
|-----------------------|-------------|-------------------|---------------|--------|---------|
| | | | HD-613 | HD-614 | HD-6756 |
| Density | ASTM D 1505 | g/cm ³ | 0.946 | 0.952 | 0.956 |
| Melt Flow Index (MFI) | ASTM D 1238 | g/10 min | 4.0 | 4.2 | 6.4 |

