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BAKHTAR PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HD52HF2

HD52HF2 is characterized by its use of hexene-1 as a comonomer, offering features such as a gel-free formulation, smooth surface finish, and versatility for applications in small containers (up to 0.5 liters), high containers, and HIC sheets.

| Producer | Characteristic Properties | Applications | Additive |
|----------|---|--|---|
| BAKHTAR | Comonomer. hexene-1(C6) Gel free Smooth surface | General purpose for Small containers up to 0.5 lit - Battles High containers - Hic sheets | • Acid scavenger • Antioxidant • Lubricant • processing aid |

Typical Properties

| Resin Properties | Unit | Typical | Test Method |
|----------------------|-------------------|-------------|--------------|
| Melt Flow Rate (MFR) | g/10 min | 0.18-0.22 | ASTM D-1238 |
| Density | g/cm ³ | 0.950-0.954 | ASTM D1505 |
| F/E Ratio | - | >70 | ASTM D 1238 |
| Flexural Modulus | MPa | 1250 | ASTM D790 |
| TI content | ppm wt | <=5(2) | ASTM D 15636 |
| Notched Izod impact | J/m | 200 | ASTM D 256/A |