



HD52505UV

High Density Polyethylene HD52505UV

PE52505 is a High Density polyethylene copolymer product. It can be processed by injection.

Producer:

Jam Petrochemical Company

| No | Property | Value | Units | Test Method |
|----|-------------------------------------------------------------------------|----------------|-------------------|-------------|
| 1 | Density | 0.950 to 0.954 | g/cm ³ | ASTM D1505 |
| 2 | Melt Mass-Flow Rate (MFR)(190°C/2.16 kg) | 4.0 to 6.0 | g/10 min | ASTM D1238 |
| 3 | Tensile strength Yield, Compression Molded Break, 25m, Blown Film | >27.0 | Mpa | ASTM D638 |
| | | >18.0 | Mpa | |
| 4 | Flexural modulus (Compression molded) | >1200 | Mpa | ASTM D790 |
| 5 | Notched Izod Impact (23 °C) | >55 | J/m | ASTM D256A |
| 6 | Deflection temperature under load 1.8 MPa, Unannealed | >82.0 | °C | ASTM D648 |
| 7 | Vicat Softening Temperature | >124 | °C | ASTM D1525 |

Applications:

Bucket, container ortank, engineering parts

