

Jam PE 30Y04

Linear Low Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 30Y04 is a Linear Low Density Polyethylene product. It can be processed by casting or rotational molding and is available in Africa & Middle East.

| General Information | | | |
|--|--------------------|-------------------|-------------|
| Processing Method | Casting | | |
| | Rotational Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.930 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 4.0 | g/10 min | ASTM D1238 |
| Environmental Stress-Cracking Resistance | > 1000 | hr | |
| Flow Rate Ratio | 32.0 | | ASTM D1238 |
| Titanium | 3 | ppm | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield, Compression Molded | 17.0 | MPa | |
| Break, Compression Molded | 14.0 | MPa | |
| Tensile Elongation (Break, Compression Molded) | > 800 | % | ASTM D638 |
| Flexural Modulus (Compression Molded) | 670 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | No Break | | ASTM D256A |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 104 | °C | ASTM D1525 |
| Optical | Nominal Value | Unit | Test Method |
| Yellowness Index | -2.0 | YI | ASTM D1925 |

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