

NAME: P-FI-090 Homopolymer

Product Description:

"Polynar P-FI-090" is a polypropylene homopolymer for injection moulding."Polynar P-FI-090" its good flow properties, this grade offers easy processing. Articles produced from "Polynar P-FI-090" exhibit high stiffness. "Polynar P-FI-090" is widely used for injection moulding consumer goods such as food containers, house wares, toys & garden furniture. Other major applications are components for appliances & parts for the automotive industry. "Polynar P-FI-090" is suitable for food contact.

Typical Applications:

Homopolymer, good flow properties, easy processing, high stiffness, injection moulding consumer goods such as food containers ,house, wares, toys , garden furniture & are components for appliances & parts for the automotive industry.

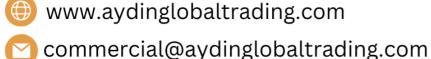
| Test/Composition | Value | Unit | Method |
|---|-------|--------|------------|
| Melt flow rate(230°C /2.16 kg) | 10 | dg/min | ASTMD1238 |
| Density | 0.9 | g/cm3 | ASTMD 1505 |
| Flexural Modulus | 1550 | MPa | ASTMD790 |
| Tensile Strength at Yield | 35 | MPa | ASTM D 638 |
| Tensile Elongation at Yield | 12 | % | ASTM D638 |
| Izod Impact Strength (notched) at 23 °C | 37 | J/m | ASTM D256 |
| Vicat softening point (ION) | 154 | °C | ASTMD 1525 |
| H.D.T (0.46 MPa) | 95 | °C | ASTM D 648 |

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Typical data: (Table)

Maine Application: Injection molding Product Type: Homo polymer



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