

Technical Datasheet

- **Grade Name:** EPX-548T COPOLYMER
- **Categories:** Polymer, Thermoplastic, Polypropylene, Polypropylene Copolymer
- **Processing Methods:** Injection molding
- **Applications:** TWIM/IML food containers (Margarine tubs, yoghurt pots, pots for soft cheese, pudding, etc.), Housewares, Caps and closures, Flower pots and cool boxes, Sports, leisure and toys
- **Features:** High fluidity, Easy mold filling and short cycle times, Desirable impact/stiffness balance, Good dimensional stability, Unspecified antistatic properties, Heterophasic copolymer

| Physical Properties | | | |
|--|-------|-------------------|-------------|
| Properties | Value | Unit | Test Method |
| MFI(230 °C/2.16 Kg) | 50 | g/10min | ASTM D1238 |
| Density | 0.9 | g/cm ³ | ASTM D1505 |
| Mechanical Properties | | | |
| Properties | Value | Unit | Test Method |
| Flexural Modulus | 1450 | MPa | ASTM D790 |
| Izod Impact Strength (notched) at 23 °C | 65 | J/m | ASTM D256 |
| Tensile Elongation at Yield | 5 | % | ASTM D638 |
| Tensile Strength at Yield | 26 | MPa | ASTM D638 |
| Izod Impact Strength (notched) at -20 °C | 40 | J/m | ASTM D256 |
| Thermal Properties | | | |
| Properties | Value | Unit | Test Method |
| H. D. T (0.46 MPa) | 105 | °C | ASTM D648 |
| Accelerated oven ageing in air at 150 °C | 360 | h | ASTM D3012 |
| Vicat Softening Point (10 N) | 155 | °C | ASTM D1525 |

Typical Properties: These values are not to be considered as product specifications.

