

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

EP 548R

PP COPOLYMER / JAM Pet.Co.

| DATASHEET | VALUE | UNIT | TEST CONDITIONS | TEST METHOD |
|-------------------------------|-------|-------------------|-----------------------|-------------|
| Density | 0.92 | g/cm ³ | ----- | ASTM D1505 |
| MFI | 21 | g/10 min | At 2.16Kg, 230°C | ASTM D1238 |
| Flexural Modulus | 1500 | MPa | ----- | ASTM D790 |
| Hardness, Rockwell R | 98 | ----- | ----- | ASTM D785 |
| Izod Impact Strength, Notched | 87 | J/m | at 23°C | ASTM D256 |
| Izod Impact Strength, Notched | 50 | J/m | at -20°C | ASTM D256 |
| Tensile Elongation at Yield | 7 | % | ----- | ASTM D638 |
| Tensile Strength at Yield | 27 | MPa | ----- | ASTM D638 |
| Heat Deflection Temperature | 110 | °C | At 0.45 MPa or 66 PSI | ASTM D648 |
| Oven Aging | 360 | h | At 150°C , Air | ASTM D3012 |
| Vicat Softening Point | 149 | °C | 10 N | ASTM D1525 |

- Manufacturer: Jam Pet.co.
- Application: Home appliances, toys, storage containers or tanks, thin-walled products, household appliances, containers, vases, sports equipment.
- Process: Injection Molding.
- Additives: Antistatic, Nucleating agent.
- Features: Good impact strength, Good flowability, Good stiffness, Food contact grade, Good dimensional stability, Injection molding with fast cycles, Heterophase copolymer, Good antistatic properties.

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