

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

RG 1104K

PP HOMOPOLYMER / REGAL Pet.Co.

| DATASHEET | VALUE | UNIT | TEST CONDITIONS | TEST METHOD |
|-----------------------------|-------|-------------------|------------------|-------------|
| Density | 0.91 | g/cm ³ | ----- | ASTM D1505 |
| MFI | 3.2 | g/10 min | At 2.16Kg, 230°C | ASTM D1238 |
| Charpy Impact Notched | 4 | KJ/m2 | at 23°C, | ISO 179/1eA |
| Charpy Impact Notched | 1.7 | KJ/m2 | at -30°C, | ISO 179/1eA |
| Hardness Ball Indentation | 74 | MPa | ----- | ISO 2039-1 |
| Tensile Elongation at Yield | 9 | % | 50 mm/min | ASTM D638 |
| Tensile Modulus | 1500 | MPa | 1 mm/min | ASTM D638 |
| Tensile Strength at Yield | 34 | MPa | 50 mm/min | ASTM D638 |
| Heat Deflection Temperature | 85 | °C | At 0.46 MPa | ASTM D648 |
| Melting Point | 163 | °C | DSC Analysis | ASTM D3417 |
| Vicat Softening Point | 154 | °C | 10 N | ASTM D1525 |

- Manufacturer: Regal Pet.co.
- Application: Film, General purpose film, BOPP film.
- Process: Blown film, Extrusion, Cast film.
- Features: Good resistance to ultraviolet radiation, Gas Fading Stabilized.

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