

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

RG 3212H

PP COPOLYMER / REGAL Pet.Co.

| DATASHEET | VALUE | UNIT | TEST CONDITIONS | TEST METHOD |
|-----------------------------|-------|-------------------|------------------|-------------|
| Density | 0.9 | g/cm ³ | ----- | ASTM D1505 |
| MFI | 2 | g/10 min | At 2.16Kg, 230°C | ASTM D1238 |
| Charpy Impact Notched | 18 | KJ/m2 | at 23°C | ISO 179/1eA |
| Charpy Impact Notched | 2.5 | KJ/m2 | at -30°C | ISO 179/1eA |
| Hardness, Rockwell R | 80 | ----- | ----- | ASTM D785 |
| Tensile Elongation at Yield | 11 | % | 50.0 mm/min | ASTM D638 |
| Tensile Modulus | 850 | MPa | 1.0 mm/min | ASTM D638 |
| Tensile Strength at Yield | 24 | MPa | 50.0 mm/min | ASTM D638 |
| Heat Deflection Temperature | 75 | °C | At 0.46 MPa | ASTM D648 |
| Melting Point | 145 | °C | DSC Analysis | ASTM D3417 |
| Vicat Softening Point | 132 | °C | 10 N | ASTM D1525 |

- Manufacturer: Regal Pet.co.
- Application: Sheet, coating.
- Process: Extrusion.
- Features: Heat stable.

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