

# INTRODUCTION OF PETROCHEMICAL PRODUCTS

## POLYPROPYLENE - COPOLYMER (P.P)

# RG 1102L

## PP HOMOPOLYMER / REGAL Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.91	g/cm <sup>3</sup>	-----	ASTM D1505
MFI	4.5	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Charpy Impact Notched	3.5	KJ/m2	at 23°C,	ISO 179/1eA
Charpy Impact Notched	1.5	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: Fibers, Dairy Containers, Monofilament Fibers, Raffia, Ribbon.
- Process: Extrusion, Textile, Injection Molding.

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