



## POLYPROPYLENE HOMOPOLYMER

### RG 1104 J

#### Application

OPP films-metallizable (Stenter Frame Process), general extrusion

#### Product Features

Homopolymer with narrow MFR range and low taste & odour

#### Processing Method

Extrusion

#### Packing

PP bags of 25 kgs, 50 bags on a pallet shrunk by PE

#### Producer

Regal Petrochemical Company

Properties	Value	Units	Test Method
MFR ( 230° C/ 2.16 Kg )	2.5	gr/10min	ASTM D1238/L
Tensile Modulus of Elasticity (1mm/min)	1500	MPa	ASTM D638
Tensile Strength at Yield (50 mm/min)	34	MPa	ASTM D638
Elongation at Yield(50 mm/min)	9	%	ASTM D638
Notched Charpy Impact at 23°	4	KJ/m <sup>2</sup>	ISO 179/ 1eA
Notched Charpy Impact at -30°	1.7	KJ/m <sup>2</sup>	ISO 179/ 1eA
Vicat Softening Point, 10N	154	°C	ASTM D1525
Ball indentation hardness	74	MPa	ISO 2039-1
HDT ( 0.46 N/mm <sup>2</sup> )	85	°C	ASTM D648
Melting Point , DSC	163	°C	ASTM D3417
Density	0.91	gr/cm <sup>3</sup>	ASTM D792

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