

## Product Data and Technical Information



**POLYMER TYPE:** Polypropylene Homopolymer Granule

**GRADE NAME:** RG 1104 H

**APPLICATION:** OPP films-metallizable (Stenter Frame Process), general extrusion applications

**PRODUCT FEATURES:** Homopolymer with standard formulation and narrow MFR range

**PROCESSING METHOD:** Extrusion

Property	Test Method	Unit	Value
MFR (230 °C/ 2.16 kg)	ASTM D1238/L	g/10min	1.6 – 2.2
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1450
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	34
Notched Charpy Impact at 23°C	ISO 179/ 1eA	kJ/m <sup>2</sup>	5
Vicat Softening Point, 10N	ASTM D1525	°C	154
HDT (0.46 N/mm <sup>2</sup> )	ASTM D648	°C	85
Melting Point, DSC	ASTM D3417	°C	163
Density	ASTM D792	g/cm <sup>3</sup>	0.91

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**Regal Petrochemical & Industrial Complex**