

## Product Data and Technical Information



**POLYMER TYPE:** Polypropylene Homopolymer Granule

**GRADE NAME:** RG 1148 TC

**APPLICATION:** Thin walled packaging, dessert and yoghurt cups, housewares

**PRODUCT FEATURES:** Homopolymer with high stiffness, good flowability and low warpage

**PROCESSING METHOD:** Extrusion

Property	Test Method	Unit	Value
MFR (230 °C/ 2.16 kg)	ASTM D1238/L	g/10min	50 – 55
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1600
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	35
Notched Charpy Impact at 23°C	ISO 179/ 1eA	kJ/m <sup>2</sup>	2
Vicat Softening Point, 10N	ASTM D1525	°C	154
HDT (0.46 N/mm <sup>2</sup> )	ASTM D648	°C	95
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**