

Product Data and Technical Information



POLYMER TYPE: Polypropylene Random Copolymer Granule

GRADE NAME: RG 3048 TC

APPLICATION: Thinwalled packaging with high transparency, housewares

PRODUCT FEATURES: Random copolymer with very good flowability, high stiffness and transparency

PROCESSING METHOD: Extrusion

Property	Test Method	Unit	Value
MFR (230 °C/ 2.16 kg)	ASTM D1238/L	g/10min	45 – 50
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	2000
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	39
Notched Charpy Impact at 23°C	ISO 179/ 1eA	kJ/m ²	2
Vicat Softening Point, 10N	ASTM D1525	°C	155
HDT (0.46 N/mm ²)	ASTM D648	°C	100
Melting Point, DSC	ASTM D3417	°C	163
Density	ASTM D792	g/cm ³	0.91

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In view of the many factors that may affect processing and application, these data do not relieve the receiver of this information from the responsibility of carrying out their own tests and experiments; neither do they imply and legally binding assurance of certain properties or of suitability for a specific purpose of the products made with or on the basis of the information in this publication."

Regal Petrochemical & Industrial Complex