Product Data and Technical Information

POLYMER TYPE: Polypropylene Homopolymer Granule

GRADE NAME: RG 1148 UC

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	70 – 75
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1700
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	35
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