Product Data and Technical Information

POLYMER TYPE: Polypropylene Homopolymer Granule

GRADE NAME: RG 1142 K

APPLICATION: Thermoformed packaging parts e.g. High transparency dairy and dessert cups

PRODUCT FEATURES: Homopolymer for high transparency thermoforming applications

PROCESSING METHOD: Extrusion

Property	Test Method	Unit	Value
MFR (230 ˚C/ 2.16 kg)	ASTM D1238/L	g/10min	2.8 – 3.4
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1600
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	37
Notched Charpy Impact at 23˚C	ISO 179/ 1eA	kJ/m^2	4
Vicat Softening Point, 10N	ASTM D1525	˚C	154
HDT (0.46 N/mm^2)	ASTM D648	˚C	90
Melting Point, DSC	ASTM D3417	˚C	163
Density	ASTM D792	g/cm^3	0.91

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Regal Petrochemical & Industrial Complex