



POLYPROPYLENE RANDOM COPOLYMER

RG 3048 RC

Application

High transparency housewares, thinwalled packaging

Product Features

Random copolymer with good transparency and good flow ability

Processing Method

Injection moulding

Packing

PP bags of 25 kgs, 50 bags on a pallet shrunk by PE

Producer

Regal Petrochemical Company

Properties	Value	Units	Test Method
MFR (230° C/ 2.16 Kg)	22	gr/10min	ASTM D1238/L
Tensile Modulus of Elasticity (1mm/min)	1100	MPa	ASTM D638
Tensile Strength at Yield (50 mm/min)	29	MPa	ASTM D638
Elongation at Yield(50 mm/min)	11	%	ASTM D638
Notched Charpy Impact at 23°	6	KJ/m ²	ISO 179/ 1eA
Notched Charpy Impact at -30	1.5	KJ/m ²	ISO 179/ 1eA
Vicat Softening Point, 10N	130	°C	ASTM D1525
Ball indentation hardness	60	MPa	ISO 2039-1

HDT (0.46 N/mm2)	70	°C	ASTM D648
Melting Point , DSC	150	°C	ASTM D3417
Density	0.91	Gr/cm ³	ASTM D792

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