



POLYPROPYLENE RANDOM COPOLYMER

RG 3048 TC

Application

Thinwalled packaging with high transparency, housewares

Product Features

Random copolymer with very good flowability, high stiffness and transparency

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)	53	gr/10min	ASTM D1238/L
Tensile Modulus of Elasticity (1mm/min)	2000	MPa	ASTM D638
Tensile Strength at Yield (50 mm/min)	39	MPa	ASTM D638
Elongation at Yield(50 mm/min)	7	%	ASTM D638
Notched Charpy Impact at 23°	2	KJ/m ²	ISO 179/ 1eA
Notched Charpy Impact at -30	1	KJ/m ²	ISO 179/ 1eA
Vicat Softening Point, 10N	155	°C	ASTM D1525
Ball indentation hardness	90	MPa	ISO 2039-1

HDT (0.46 N/mm2)	100	°C	ASTM D648
Melting Point , DSC	163	°C	ASTM D3417
Density	0.91	Gr/cm ³	ASTM D792

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