

POLYPROPYLENE HOMOPOLYMER

RG 1100 UC

Application

Closures, thinwalled packaging, medical lab equipments

Product Features

Homopolymer with very good flowability and low war

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)	75	gr/10min	ASTM D1238/L
Tensile Modulus of Elasticity (1mm/min)	1550	MPa	ASTM D638
Tensile Strength at Yield (50 mm/min)	35	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	154	°C	ASTM D1525
Ball indentation hardness	80	MPa	ISO 2039-1
HDT (0.46 N/mm ²)	85	°C	ASTM D648
Melting Point , DSC	163	°C	ASTM D3417
Density	0.91	Gr/cm ³	ASTM D3417

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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."

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