

POLYPROPYLENE HOMOPOLYMER

RG 1002 G

Application

High stiffness thermoformed parts, special extrusion applications

Product Features

Homopolymer with high stiffness

Processing Method

Extrusion

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)	0.9	gr/10min	ASTM D1238/L
Tensile Modulus of Elasticity (1mm/min)	2000	MPa	ASTM D638
Tensile Strength at Yield (50 mm/min)	38	MPa	ASTM D638
Elongation at Yield(50 mm/min)	7	%	ASTM D638
Notched Charpy Impact at -23°	4	KJ/m ²	ISO 179/ 1eA
Notched Charpy Impact at -30°	1.5	KJ/m ²	ISO 179/ 1eA
Vicat Softening Point, 10N	158	°C	ASTM D1525
Ball indentation hardness	80	MPa	ISO 2039-1
HDT (0.46 N/mm2)	108	°C	ASTM D648
Melting Point , DSC	165	°C	ASTM D3417
Density	0.91	Gr/cm ³	ASTM D3417

The information in this publication is submitted without prejudice, and is based on our current knowledge and experience and on a limited number of tests.

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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