



POLYPROPYLENE HOMOPOLYMER

RG 1101 XXR

Application

Preferred grade for BCF/CF, carpet yarns, POY/DTY, extrusion laminating

Product Features

Homopolymer with antigasfading stabilization and inherent UV stability

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)	23	gr/10min	ASTM D1238/L
Tensile Modulus of Elasticity(1mm/min)	1500	MPa	ASTM D638
Tensile Strength at Yield (50 mm/min)	35	MPa	ASTM D638
Elongation at Yield(50 mm/min)	8	%	ASTM D638
Notched Charpy Impact at 23°	2.5	KJ/m ²	ISO 179/ 1eA
Notched Charpy Impact at -30°	1.5	KJ/m ²	ISO 179/ 1eA
Vicat Softening Point, 10N	154	°C	ASTM D1525
Ball indentation hardness	78	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 D792

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