

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Polypropylene - Homopolymer

Grade	RG1101RC
Properties	Homopolymer with very narrow MWD & resistance to gas fading.
Application	Nonwoven spun bonded, BCF / CF, POY yarns, nonwoven, injection moulding of articles.

Typical Properties	Test Method	Unit	Spec.
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	22
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1500
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	34
Elongation at Yield (50 mm/min)	ASTM D638	%	9
Notched Charpy Impact at 23°C	ISO 179/1eA	kJ/m ²	4
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m ²	1.7
Vicat Softening Point, 10N	ASTM D1525	°C	154
Ball Indentation Hardness	ISO 2039-1	MPa	74
HDT (0.46 N/mm ²)	ASTM D648	°C	85
Melting Point, DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm ³	0.91

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