

**PETROPLAST
JALILVAND.CO**



**петрупдоте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Polypropylene - Homopolymer

Grade	RG1040RC
Properties	Homopolymer contains nucleating agent and with high stiffness.
Application	Furniture, thin-walled packaging, housewares.

Typical Properties	Test Method	Unit	Spec.
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	23
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	2000
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	40
Elongation at Yield (50 mm/min)	ASTM D638	%	7
Notched Charpy Impact at 23°C	ISO 179/1eA	kJ/m ²	2.5
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m ²	1.5
Vicat Softening Point, 10N	ASTM D1525	°C	157
Ball Indentation Hardness	ISO 2039-1	MPa	93
HDT (0.46 N/mm ²)	ASTM D648	°C	105
Melting Point, DSC	ASTM D3417	°C	165
Density	ASTM D792	gr/cm ³	0.91

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