

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Polypropylene - Homopolymer

<i>Grade</i>	RG1100UC
<i>Properties</i>	Very high flowability & low warpage.
<i>Application</i>	Closures, thin-walled packaging, medical lab.

Typical Properties	Test Method	Unit	Spec.
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	75
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1550
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	35
Elongation at Yield (50 mm/min)	ASTM D638	%	7
Notched Charpy Impact at 23°C	ISO 179/1eA	kJ/m ²	2
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m ²	1
Vicat Softening Point, 10N	ASTM D1525	°C	154
Ball Indentation Hardness	ISO 2039-1	MPa	80
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

Central Office: Unit 5, No.10, Sepehr 4 Alley, Sepehr St., Marzdaran Blvd., Zhandarmeri Town, Tehran, Iran.

Telfax: +98 21 4428 4731-2

Mashhad Office: Shahed 50th, Shahed Blvd., Gharb Town, Mashhad, Iran.

Tel.: +985136202400-1

Uzbekistan Tel.: +998 97 404 0929

Website: www.petroplastjalilvand.com

E-mail: info@petroplastjalilvand.com