

**PETROPLAST  
JALILVAND.CO**



**петрупдосте жалилванд  
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

## TECHNICAL SPECIFICATION

### *Polypropylene - Homopolymer - Thermoforming*

<b>Grade</b>	RG1102K
<b>Properties</b>	Low water carry over and preferred grade for tapes.
<b>Application</b>	Thermoformed parts, diary products, tape yarn, raffia, monofilaments, strapping carpet backing.

<b>Typical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Spec.</b>
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	3.2
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 <sup>2</sup>	4
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m <sup>2</sup>	1.7
Vicat Softening Point, 10N	ASTM D1525	°C	154
Ball Indentation Hardness	ISO 2039-1	MPa	74
HDT (0.46 N/mm <sup>2</sup> )	ASTM D648	°C	85
Melting Point, DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm <sup>3</sup>	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 50<sup>th</sup>, Shahed Blvd., Gharb Town, Mashhad, Iran.

**Tel.:** +985136202400-1

**Uzbekistan Tel.:** +998 97 404 0929

**Website:** www.petroplastjalilvand.com

**E-mail:** info@petroplastjalilvand.com