

**PETROPLAST  
JALILVAND.CO**



**петрупдосте жалилванд  
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

## TECHNICAL SPECIFICATION

### *Polypropylene - Block Copolymer - Injection Moulding*

<b>Grade</b>	RG2440K
<b>Properties</b>	Impact copolymer contains nucleating agent.
<b>Application</b>	Crates & containers.

<b>Typical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Spec.</b>
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	3.5
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1250
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	25
Elongation at Yield (50 mm/min)	ASTM D638	%	8
Notched Charpy Impact at 23°C	ISO 179/1eA	kJ/m <sup>2</sup>	16
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m <sup>2</sup>	4.5
Vicat Softening Point, 10N	ASTM D1525	°C	150
Ball Indentation Hardness	ISO 2039-1	MPa	50
HDT (0.46 N/mm <sup>2</sup> )	ASTM D648	°C	80
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](http://www.petroplastjalilvand.com)

**E-mail:** [info@petroplastjalilvand.com](mailto:info@petroplastjalilvand.com)