

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Polypropylene - Homopolymer - Injection Moulding

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|---------------------|--|
| <i>Grade</i> | RG1001P |
| <i>Properties</i> | High stiffness & anti gas fading. |
| <i>Applications</i> | High stiffness injection moulding parts, special extrusion applications. |

| Typical Properties | Test Method | Unit | Spec. |
|--|--------------------|-------------------|--------------|
| MFI (230°C, 2.16kg) | ASTM D1238/L | gr/10min | 15 |
| 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 | 158 |
| Ball Indentation Hardness | ISO 2039-1 | MPa | 90 |
| HDT (0.46 N/mm ²) | ASTM D648 | °C | 110 |
| Melting Point, DSC | ASTM D3417 | °C | 163 |

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