

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Polypropylene - Homopolymer

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|--------------------|--|
| <i>Grade</i> | RG1191N |
| <i>Properties</i> | Homopolymer with high efficient anti gas fading stabilization. |
| <i>Application</i> | Staple fibers (fine denier), hygienic nonwoven fabrics (NWF). |

| Typical Properties | Test Method | Unit | Spec. |
|--|--------------------|--------------------|--------------|
| MFI (230°C, 2.16kg) | ASTM D1238/L | gr/10min | 11 |
| 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 | % | 10 |
| Notched Charpy Impact at 23°C | ISO 179/1eA | kJ/m ² | 3 |
| Notched Charpy Impact at -30°C | ISO 179/1eA | kJ/m ² | 2.5 |
| Vicat Softening Point, 10N | ASTM D1525 | °C | 154 |
| Ball Indentation Hardness | ISO 2039-1 | MPa | 78 |
| 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 |

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