

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Polypropylene - Homopolymer

<i>Grade</i>	RG1101M
<i>Properties</i>	Homopolymer with anti gas fading stabilization & inherent UV stability.
<i>Application</i>	Staple coarse fibers, carpet face yarn, needle felt carpets.

Typical Properties	Test Method	Unit	Spec.
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	9
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1500
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	35
Elongation at Yield (50 mm/min)	ASTM D638	%	9
Notched Charpy Impact at 23°C	ISO 179/1eA	kJ/m ²	3.5
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m ²	1.6
Vicat Softening Point, 10N	ASTM D1525	°C	154
Ball Indentation Hardness	ISO 2039-1	MPa	77
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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