

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
компания**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Polypropylene - Block Copolymer - Injection Moulding

Grade	RG2800K
Properties	Impact copolymer with high toughness.
Application	Automotive (bumpers, fender, battery cases), compounding (impact modifier).

Typical Properties	Test Method	Unit	Spec.
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	3.8
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	800
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	15
Elongation at Yield (50 mm/min)	ASTM D638	%	6
Notched Charpy Impact at 23°C	ISO 179/1eA	kJ/m ²	65 P
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m ²	9
Vicat Softening Point, 10N	ASTM D1525	°C	132
Ball Indentation Hardness	ISO 2039-1	MPa	32
HDT (0.46 N/mm ²)	ASTM D648	°C	74
Melting Point, DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm ³	0.91

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