

**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>	RG2800XK
<b>Properties</b>	Impact copolymer with high toughness.
<b>Application</b>	Automotive (bumpers, fender, battery cases), compounding (impact modifier).

<b>Typical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Spec.</b>
MFI (230°C, 2.16kg)	ASTM D1238/L	gr/10min	3.8
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 <sup>2</sup>	65 P
Notched Charpy Impact at -30°C	ISO 179/1eA	kJ/m <sup>2</sup>	9
Vicat Softening Point, 10N	ASTM D1525	°C	132
Ball Indentation Hardness	ISO 2039-1	MPa	32
HDT (0.46 N/mm <sup>2</sup> )	ASTM D648	°C	74
Melting Point, DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm <sup>3</sup>	0.91

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