

Product Data and Technical Information

POLYMER TYPE: POLYPROPYLENE BLOCK COPOLYMER

GRADE NAME : RG 2800 K

PACKING : PP bags of 25 kgs, 50 bags on a pallet shrunked by PE

APPLICATION : Automotive(bumpers, fender, battery cases), compounding(impact modifier)

PRODUCT FEATURES : Impact copolymer with high toughness

PROCESSING METHOD : Injection moulding

Property	Test Method	Unit	Value
MFR (230° C/ 2.16 Kg)	ASTM D1238/L	gr/10min	3.8
Tensile Modulus of Elasticity (1mm/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°	ISO 179/ 1eA	KJ/m2	65 P
Notched Charpy Impact at -30°	ISO 179/ 1eA	KJ/m2	9
Vicat Softening Point, 10N	ASTM D1525	°C	132
Ball indentation hardness	ISO 2039-1	MPa	32
HDT (0.46 N/mm2)	ASTM D648	°C	74
Melting Point , DSC	ASTM D3417	°C	163
Density	ASTM D792	gr/cm3	0.91

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