

## Product Data and Technical Information

**POLYMER TYPE:** POLYPROPYLENE HOMOPOLYMER

**GRADE NAME :** RG 1040 K

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

**APPLICATION :** High stiffness thermoforming applications

**PRODUCT FEATURES :** Homopolymer contains nucleating agent with high stiffness and mechanical strength

**PROCESSING METHOD :** Extrusion

Property	Test Method	Unit	Value
MFR ( 230° C/ 2.16 Kg )	ASTM D1238/L	gr/10min	3.4
Tensile Modulus of Elasticity (1mm/min)	ASTM D638	MPa	1900
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	38
Elongation at Yield(50 mm/min)	ASTM D638	%	7
Notched Charpy Impact at 23°	ISO 179/ 1eA	KJ/m2	3
Notched Charpy Impact at -30°	ISO 179/ 1eA	KJ/m2	1.5
Vicat Softening Point, 10N	ASTM D1525	°C	158
Ball indentation hardness	ISO 2039-1	MPa	100
HDT ( 0.46 N/mm2 )	ASTM D648	°C	108
Melting Point , DSC	ASTM D3417	°C	165
Density	ASTM D792	gr/cm3	0.91

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