

**POLYMER TYPE:** Polypropylene Random Copolymer

**GRADE NAME:** RG 3212 E

**PACKING:** PP Bags of 25 kgs, 50 Bags on a Pallet Shrinked b

**APPLICATION:** Pressure Pipes , Hot & Cold Water System , Drinking Water Pipes , Pipes for Electrical Appliances

**PRODUCT FEATURES:** Random Copolymer for Extrusion Application With High Melt Stability

**Processing METHOD:** Extrusion

<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>UNIT</b>	<b>VALUE</b>
MFR ( 230° C/ 2.16 Kg )	ASTM D1238/L	gr/10min	0.25
Tensile Modulus of Elasticity (1mm/min)	ASTM D638	MPa	850
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	25
Elongation at Yield(50 mm/min)	ASTM D638	%	10
Notched Charpy Impact at 23°	ISO 179/ 1eA	KJ/m2	20
Notched Charpy Impact at -30°	ISO 179/ 1eA	KJ/m2	42771
Vicat Softening Point, 10N	ASTM D1525	°C	132
Ball Indentation Hardness	ISO 2039-1	MPa	45
HDT ( 0.46 N/mm2 )	ASTM D648	°C	75
Melting Point , DSC	ASTM D3417	°C	145
Density	ASTM D792	gr/cm3	0.91

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In view of the many factors that may affect Processing and application, these data do not relieve the receiver of this information from the responsibility of carrying out their own tests and experiments; neither do they imply and legally binding assurance of certain properties or of suitability for a specific purpose of the products made with or on the basis of the information in this publication.