

AKSAD GROUP PETROCHEM

RG 3212 E

Polymer Type: Polypropylene Random Copolymer

Grade Name: RG 3212E

Packing: PP bags of 25 kgs,50 bags on pallet

Application: Pressure Pipe. Hot & Cold water system. Drinking water pipes. Pipe for electrical Appliances.

Product Features: Random Copolymer for Extrusion Application with high melt stability

Processing Method: Extrusion

Property	Test Method	Unit	Value
MFR(230 c°/216 kg)	ASTM D1238/L	Gr/10min	0.25
Tensile Modulus of Elasticity (Imm/min)	ASTM D638	Mpa	850
Tensile Strength@ Yield (50 mm/min)	ASTM D638	Mpa	25
Elongation@ Yield (50 mm/min)	ASTM D638	%	10
Notched Charpy Impact@ 23°	ISO 179/1eA	Kj/M2	20
Notched Charpy Impact@ 30°	ISO 179/1eA	Kl/m2	42771
Vicat Softening Point. ION	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

The information in this publication is submitted without prejudice, and is based on our current knowledge and experience and on a limited number of tests.