Product Data and Technical Information

POLYMER TYPE: Polypropylene Random Copolymer Granule

GRADE NAME: RG 3420L

APPLICATION: Heat seal layer (Skin layer) of BOPP films

PRODUCT FEATURES: Random Copolymer (Ethylene/Propylene)

PROCESSING METHOD: Extrusion

Property	Test Method	Unit	Value
MFR (230 ˚C/ 2.16 kg)	ASTM D1238/L	g/10min	4.1 - 6
Flexural Modulus	ASTM D790	MPa	630
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	600
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	20
Tensile Elongation at Yield (50 mm/min)	ASTM D638	%	15
Tensile Elongation at Break (50 mm/min)	ASTM D638	%	> 50
Notched Charpy Impact at 23˚C	ISO 179/ 1eA	kJ/m^2	15
Vicat Softening Point, 10N	ASTM D1525	˚C	120
Rockwell hardness	ASTM D785	R-Scale	60
Melting Point, DSC	ASTM D3417	˚C	136
Density	ASTM D792	g/cm^3	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."

Regal Petrochemical & Industrial Complex