

Product Data and Technical Information



POLYMER TYPE: Polypropylene Homopolymer Granule

GRADE NAME: RG 1128 N

APPLICATION: Cast films for packaging and stationary films (high slip and antiblock behavior), water cooled blown films

PRODUCT FEATURES: Homopolymer with good optical properties and high stiffness

PROCESSING METHOD: Extrusion

Property	Test Method	Unit	Value
MFR (230 °C/ 2.16 kg)	ASTM D1238/L	g/10min	9.1 – 12
Tensile Modulus of Elasticity (1 mm/min)	ASTM D638	MPa	1500
Tensile Strength at Yield (50 mm/min)	ASTM D638	MPa	35
Tear strength (Longitudinal/Transverse)	DIN 53455	MPa	42/38
Flexural modulus (Longitu./Trans.)	DIN 53121	Mpa	700/670
Vicat Softening Point, 10N	ASTM D1525	°C	154
HDT (0.46 N/mm ²)	ASTM D648	°C	85
Melting Point, DSC	ASTM D3417	°C	163
Density	ASTM D792	g/cm ³	0.91

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Regal Petrochemical & Industrial Complex