

Propafilm™ RGR02/120

Polypropylene Alloy

Innovia Films Ltd.

Message:

One Side Treated Release Film

Biaxially oriented polypropylene (BOPP) film co-extruded on both sides with surface polymers.

RGR02/60 & 120 are particularly suited for tape and release applications, in which RGR02 could be reverse printed and laminated to another web.

ROR02/60 is suited for the outer web of foil laminations used in condiment sachet applications.

General Information	
Features	Excellent Printability Food Contact Acceptable Good Impact Resistance Low Temperature Impact Resistance Puncture Resistant
Uses	Bi-axially Oriented Film Food Service Applications Laminates Packaging
Forms	Film
Processing Method	Blown Film Coextrusion

Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow (129°C, 1 min)	6.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic, Outside/Outside	0.30		
vs. Itself - Static, Outside/Outside	0.30		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	3000	µm	
Secant Modulus ¹			ASTM D882
1% Secant, MD	2490	MPa	
1% Secant, TD	2090	MPa	
Tensile Strength ²			ASTM D882
MD : Yield	230	MPa	
TD : Yield	190	MPa	
Tensile Elongation ³			ASTM D882
MD : Break	90	%	

TD : Break	130	%	
Oxygen Permeability (23°C, 0% RH)	41	cm ³ ·mm/m ² /atm/24 hr	ASTM F1927
Water Vapor Transmission Rate (38°C, 90% RH)	5.0	g/m ² /24 hr	ASTM F1770
Corona Treatment	38	dyne/cm	Internal Method
Yield	36.7	m ² /kg	Internal Method

NOTE

1. 10%/min
2. 50%/min
3. 50%/min

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