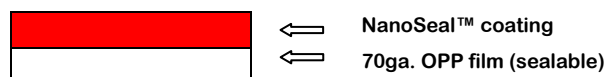




NanoSeal™ - OPP BARRIER COATED FILM

Product Description: NS6-OPP70

NS6-OPP70 is a high moisture and high oxygen barrier version of clear oriented polypropylene film with one side having a gas barrier coating of NanoSeal™. The coated side can be printed and laminated with adhesive or extrusion tie layers. The side opposite the NanoSeal™ coating is sealable.



PROVISIONAL TECHNICAL DATA SHEET

Typical Properties

Property	Thickness	Value	Units	Test
BARRIER				
Oxygen Permeability (OTR)	70ga.	<0.06	cc/100 in ² /day	ASTM D1434 77°F@ 50% RH, 1 ATM
Water Vapor Transmission Rate (WVTR)	70ga.	< 0.35	g/100in ² /day	ASTM F1249 100°F@ 90% RH
PHYSICAL				
Density	70ga.	0.906	g/cc	
Elongation at Break MD	70ga.	190	%	ASTM D822A
Elongation at Break TD	70ga.	70	%	ASTM D822A
Tensile Strength MD	70ga.	17,000	psi	ASTM D822A
Tensile Strength TD	70ga.	30,000	psi	ASTM D822A
Yield (nominal)	70ga.	42,400	in ² /lb	
Coefficient of Friction	Dynamic	0.25		ASTM 1894
	Static	0.40		

Preferred Applications

Dry mix ingredients, confections, snacks, nuts, pet food, bakery, coffee, spices

Sales Contact Info

NanoPack Inc.
 985 Old Eagle School Rd., Suite 501
 Tel: (484)367-7015
 Fax: (484)367-7004
sales@nanopackinc.com

Disclaimer

Note: These values are typical performance data for NanoSeal™ barrier coatings on a GENERIC polypropylene film normally used for printing and laminating. We believe this information is the best currently available on the subject. It is subject to revision. NanoPack Inc. makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents. Users are advised to determine the safety and suitability of each product or product combination for their own purposes.

NanoSeal™ is a registered trademark of NanoPack Inc.

NP1106271