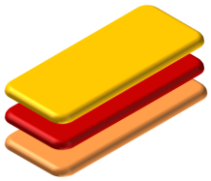
IMPAK FILMS US, LLC

TECHNCIAL DATA SHEET

HIGH RETORT GRADE CPP FILM

IMP308



Corona treated surface layer
Modified CPP core
Heat sealable layer

Modified coextruded Cast Polypropylene with one side treated and one side heat sealable for retort applications. The material is suitable for lamination to other retort grade films such as Nylon and PET in dry lamination processes. IMP308 has good heat resistance in conditions up to 285°F. With good moisture barrier, high hot tack and superior sealing strength, IMP308 is suitable for a variety of hot fill and heat treated applications

PRODUCT FEATURES

- High heat resistance to 285°F
- One side corona treated for laminated applications
- Good moisture barrier
- Excellent heat seal strength and hot tack

APPLICATIONS

- Retort packaging to 285°F
- Sterilization and pasteurization applications in container
- Hot fill to 280°F
- Heat treated ready to eat meals and foods

PROPERTIES		TEST METHOD	UNITS	IMP308	IMP308	IMP308	IMP308	IMP308
GENERAL								
Base Web Thickness		Internal	ga	160	200	240	280	320
Yield		ASTM D1505	lb/ream	22.4	28.0	33.6	39.1	44.7
		Internal	in²/lb	19300	15500	12900	11000	9700
Treatment Level	Corona	ASTM D-2578	dyne	38	38	38	38	38
Coefficient of Friction (CoF)		ASTM D-1894	Film - Film	< 0.40	<0.40	<0.40	<0.40	<0.40
MECHANICAL								
Tensile Strength (at break)	MD	ASTM D-882	psi	>5800	>5800	>5800	>5800	>5800
	TD	ASTM D-882	psi	>2900	>2900	>2900	>2900	>2900
Elongation to Break	MD	ASTM D-882	%	>500	>500	>500	>500	>500
	TD	ASTM D-882	%	>500	>500	>500	>500	>500
THERMAL								
Heat Seal Range			°F	300 - 330	300 - 330	300 - 330	300 - 330	300 - 330
Heat Seal Strength	320°F/14psi/1sec		g/inch	>1300	>1300	>1300	>1300	>1300
Shrinkage (320°F/15 min)	MD	Internal	%	<1.0	<1.0	<1.0	<1.0	<1.0
	TD	Internal	%	<1.0	<1.0	<1.0	<1.0	<1.0
BARRIER								
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM E1249	g/100in²/24h	0.54	0.46	0.39	0.33	0.29
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in²/24h	140	120	100	85	75

Guidelines for storage

Temperature should be less than 86°F and humidity 55±5% in storage areas. Material should be consumed within 3 months of receipt. Allow film to reach operating room temperature 24h before use.

Printing & Lamination

Material is suitable for lamination on the corona treated side of the material only. In-line corona boost treatment can be used if required. Further information is available from your Impak Films USA LLC representative.

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

IMPAK FILMS AUSTRALIA (www.impakfilms.com.au)
ABN: 42 586 823 597 **Address:** Unit 1, 15-21 Butler Way, (P.O. Box 1114), Tullamarine Vic. 3043, Australia **Telephone:** +61 3 9310 5540 **Facsimile:** +61 3 9310 5590

IMPAK FILMS USA (www.impakfilms.com)
Address: 2727 Paces Ferry Road, Suite 1650 Building One, Atlanta, Georgia 30339, USA **Telephone:** +1 866 606 7896 **Facsimile:** +1 678 384 5543