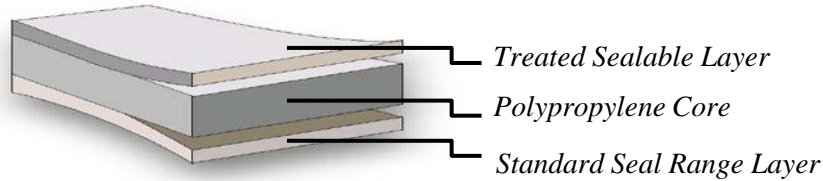


CL - Clear Heat Sealable



Key Performance Characteristics:

Two side sealable, one side treated, slip modified

Applications:

General purpose OPP film for laminations or single web HFFS/VFFS food packaging

Technical Data

PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES							
			CL18	CL20	CL23	CL25	CL30	CL35	CL40	CL50
THICKNESS	Internal	mil (μm)	0.69 (18)	0.79 (20)	0.91 (23)	0.97 (25)	1.16 (30)	1.37 (35)	1.55 (40)	1.95 (50)
YIELD	Internal	in ² /lb (m ² /kg)	44,000 (62.5)	38,700 (55.0)	34,300 (48.8)	31,500 (44.8)	26,200 (37.2)	22,200 (31.6)	19,600 (27.9)	15,600 (22.2)
HEAT SEAL INITIATION (untreated side)	1/2 sec, 30 PSI	°F / (°C)	220 / (104)							
HEAT SEAL INITIATION (treated side)	1/2 sec, 30 PSI	°F / (°C)	250 / (121)							
HAZE	ASTM D1003	%	3							
GLOSS (45°)	ASTM D2457	G.U.	85							
COEFFICIENT OF FRICTION (non-treat side/non-treat side)	ASTM D1894	Dynamic	0.25							
TENSILE STRENGTH (MD/TD)	ASTM D882	lb/in ² (kg/cm ²)	20,000 / 35,000 (1,400) / (2,500)							
ELONGATION AT BREAK (MD/TD)	ASTM D882	%	190 / 70							
DIMENSIONAL STABILITY (MD/TD)	266°F (130°C) 5 min	%	<5 / <3							
WATER VAPOR TRANSMISSION RATE (WVTR)	ASTM F1249 100°F (38°C), 90% RH	g/100in ² /24h (g/m ² /24h)	0.45 (7.0)	0.4 (6.2)	0.38 (5.9)	0.35 (5.4)	0.3 (4.7)	0.25 (3.9)	0.2 (3.1)	0.15 (2.3)
SURFACE ENERGY	ASTM D2578	dyne/cm	38							

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The above properties and results obtained refer to the average values of laboratory testing carried out on sample Inteplast product. Inteplast does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. Inteplast strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Inteplast assumes no responsibility for any damage or injury sustained as a result of the use of its products.