

PLATSEAL

HSPET (R) Heat Sealable Pet Product Specifications

Coextruded three layer transparent Heat sealable polyester film suitable for packaging. This film grade complies with FDA and EC regulations for food packaging applications.

Properties	Test Method	Typical Values					
PHYSICAL							
Thickness	micron	12	15	19	20	23	30
Yield	m ² /Kg	59.7	47.8	37.7	35.8	31.2	23.9
	msi/lb	41.98	33.62	26.51	25.18	21.94	16.81
SURFACE							
Surface tension	ASTM D 2578 (dynes/cm)	44	44	44	44	44	44
OPTICAL							
Haze	ASTM D 1003	2.5	2.5	3	3	3	3
MECHANICAL							
Coefficient of Friction HS to Plain (Max)	ASTM D 1894	Static	0.6	0.6	0.6	0.6	0.6
		Dynamic	0.55	0.55	0.55	0.55	0.55
Tensile Strength (min)	ASTM D 882 (psi)	MD	28500	28500	28500	28500	28500
		TD	28500	28500	28500	28500	27000
Elongation	ASTM D 882 (%)	MD	100	100	110	110	110
		TD	90	90	100	100	100
THERMAL							
Shrinkage (Max) At 120°C / 5 min	Internal (%)	MD	2.4	2.4	2.4	2.4	2.4
		TD	1.0	1.0	1.0	1.0	1.0
Heat Seal Strength (avg), (HS to HS) 140 cm ² /2s	gm/25mm	400	400	450	450	500	500

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