



PET500 92ga

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A co-extruded one side heat sealable film. Heat sealable layer is designed to heat seal to itself or APET, CPET, PVC etc. Suitable for flexible packaging & dual ovenable.

PROPERTIES	TEST METHOD	UNIT		TARGET	MINIMUM	MAXIMUM
Thickness	StockPKG Method	Micron		23	22.54	23.46
		Gauge		92	90.16	93.84
Yield	StockPKG Method	m ² /kg		31.06	30.45	31.69
		in ² /lb		21,837	21,408	22,280
Tensile Strength at break	ASTM D 882	Kg/cm ²	MD	2100	1900	2300
		(Kpsi)	TD	29.9	27.0	32.7
Elongation at break	ASTM D 882	%	MD	130	90	170
			TD	120	80	160
Coefficient of friction	ASTM D 1894	-	Static	0.50	0.40	0.60
			Dynamic	0.45	0.35	0.55
Heat Seal Strength (Seal to Seal) (120°C, 2Sec & 30 N)	StockPKG Method	gm/25 mm		500	400	700
Haze	ASTM D 1003	%		4	3	5
Shrinkage	ASTM D 1204	%	MD	1.8	1.2	2.4
			TD	0.4	0	0.8
M.V.T.R. (38°C, 90% RH)	ASTM F 1249	gm/m ² /24 hrs		28	18	38
O.T.R. (23°C, 50% RH)	ASTM F 1927	cc/m ² /24 hrs		80	60	100

* MD = Machine Direction, * TD = Transverse Direction

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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