



PET500 80ga

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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		20	19.60	20.40
		Gauge		80	78.40	81.60
Yield	StockPKG Method	m ² /kg		35.71	35.01	36.44
		in ² /lb		25,107	24,614	25,620
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.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. StockPKG makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.