



Ecolene AP-XPCR RECYCLED CONTENT CROSS-LINKED POLYOLEFIN

Ecolene® AP-XPCR : A NEW and innovative sustainable biaxially-oriented polyolefin film. This film incorporates substantial Post Consumer Content in its raw materials, reducing the environmental footprint, and reducing reliance on virgin resins. All this, while not sacrificing the general, sealing and shrinking properties of a cross-linked polyolefin shrink film.

TYPICAL PROPERTIES	UNITS	VALUE	VALUE	VALUE	VALUE	ASTM TEST
GAUGE		45	60	75	100	
DENSITY	gm/cc	0.92	0.92	0.92	0.92	D-1505
YIELD	sq.in./lb	60,000	50,000	40,000	30,000	
ROLL WEIGHT	lbs./in	2.1	2.1	2.1	2.1	
HAZE	%	2	2.5	2.5	3	D-1003
GLOSS,% @ 45 DEGREES	%	135	135	135	130	D-2457
COEFFICIENT OF FRICTION	film/film	<0.20	<0.20	<0.20	<0.20	D-1894
SHRINK AIR TEMPERATURE	Fahrenheit	216F				
FREE SHRINK @250 F	% area	50	50	50	50	D-1204
SHRINK FORCE	g/in	85	130	145	160	D-2838
MODULUS OF ELASTICITY	kpsi	MD TD	MD TD	MD TD	MD TD	D-882B
		62 65	62 65	60 65	60 65	
TENSILE STRENGTH	kpsi	MD TD	MD TD	MD TD	MD TD	D-882B
		16-15	16-15	16-15	16-15	
ELONGATION AT BREAK	%	130	145	150	160	D-882B
WATER VAPOR TRANSMISSION RATE	ge/100in/24h	2.1	1.5	1.4	1	F-1249
OXYGEN TRANSMISSION RATE	cc/100on/24h	900	600	500	400	D-3985
PCR Content	Percent	50-60	50-60	50-60	50-60	
SINGLEWOUND ROLL LENGTHS	feet per roll	11,660	8,750	7,000	5,250	
CENTERFOLD ROLL LENGTHS	feet per roll	5,830	4,375	3,500	2,625	
SINGLEWOUND ROLL WIDTHS	inches	From 10" to 48"				
CENTERFOLD ROLL WIDTHS	inches	From 6" to 42"				

The above values are based on test data believed to be reliable. This data, however, is merely a guide and should not take the place of thorough testing for each intended use.

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