



breaking new ground in polypropylene film

TYPICAL PHYSICAL PROPERTY RANGES

Property:	Test Method:	Unit of Measure:	Super Clear	Clear Tear Seal	
			Typical Range	Typical Range	
1% secant modulus CD	ASTM D-882-95A	psi	130,000-227,000	88,839-197,021	
1% secant modulus MD	ASTM D-882-95A	psi	120,000-225,000	91,211-199,031	
Tensile strength CD	ASTM D-882-95A	psi	2,800-9,900	1,239-8,805	
Tensile strength MD	ASTM D-882-95A	psi	2,500-8,200	1,428-12,178	
Elongation at break CD	ASTM D-882-95A	%	550-980	459-1,092	
Elongation at break MD	ASTM D-882-95A	%	450-880	414-900	
Dynamic COF (inside)	ASTM D-1894-95	a.u.	.08-8	.08-.82	
Dynamic COF (outside)	ASTM D-1894-95	a.u.	.18-8	.18-.81	
Gloss CR (inside)	ASTM D-2457-90	a.u.	75-116	103.92-145.98	
Gloss AK (outside)	ASTM D-2457-90	a.u.	108-132	100.86-146.13	
Haze	ASTM D-1003-95	%	2.70-10.03	2.69-10.03	
Elmendorf Tear CD	ASTM D-1922-94A	g.f.	203-1700	431.34-1617.15	
Elmendorf Tear MD	ASTM D-1922-94A	g.f.	18-450	15.37-1115.13	
Thickness measured	Profol	microns	25.4-125	25.4-198	
Gram Weight	Profol	g/100cm ²	0.252-.281	0.252	
Heat seal range	Profol	° C	117-147	117/143	

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