



## D.H.P POLYOLEFIN (POF) SHRINK FILM

Alpha's D.H.P POF shrink film is a biaxially oriented heat shrinkable film with high gloss, exceptional seal strength and great impact resistance. Ideal for packaging irregular-shaped products using high speed automatic shrinking equipment.

PROPERTY	UNITS	TEST METHOD	RESULT				
Thickness	Microns	-	12	15	19	25	
FILM SPECIFICATIONS							
Length	Meters	-	1665	1332	1067	800	
Yield	m <sup>2</sup> /kg	-	89	71	56	42	
TENSILE							
Tensile Strength @ peak (MD)	kg/cm <sup>2</sup>	D882	1115	1200	1200	975	
Tensile Strength @ peak (TD)			1050	1100	1130	970	
Elongation @ peak (MD)	%		100	110	85	85	
Elongation @ peak (TD)			85	120	100	110	
TEAR STRENGTH							
MD	gf	D1922	250	490	540	620	
TD			320	510	570	750	
DART IMPACT							
Impact Resistance @ 50%	g	D1709	225	290	370	490	
SEAL STRENGTH							
MD	N/mm <sup>2</sup>	F88	40	43	43	43	
COF (FILM TO METAL)							
Static	-	D1894	0.28	0.23	0.26	0.20	
Kinetic	-		0.25	0.22	0.24	0.18	
COF (FILM TO FILM)							
Static	-	D1894	0.27	0.25	0.22	0.22	
Kinetic	-		0.26	0.21	0.20	0.20	
OPTICS							
Gloss	%	D2457	90	88	87	86	
SHRINKAGE PROPERTIES							
Free Shrinkage (120°C)	MD	%	D2732	60	57	60	58
	TD			55	60	55	62

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