



## HP POLYOLEFIN (POF) SHRINK FILM

Alpha's High Performance (HP) POF shrink film is a biaxially oriented heat shrinkable film with high gloss, balanced shrinkage and great impact resistance. Ideal for packaging irregular-shaped products using semi-automatic and 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	1100	1200	1175	1300
Tensile Strength @ peak (TD)			1050	1150	1155	1100
Elongation @ peak (MD)	%		101	110	95	105
Elongation @ peak (TD)			115	120	110	110
TEAR STRENGTH						
MD	gf	D1922	255	340	350	460
TD			290	390	455	540
DART IMPACT						
Impact Resistance @ 50%	g	D1709	215	270	350	534
SEAL STRENGTH						
MD	N/mm <sup>2</sup>	F88	37	40	40	40
COF (FILM TO METAL)						
Static	-	D1894	0.25	0.22	0.23	0.23
Kinetic	-		0.22	0.20	0.21	0.19
COF (FILM TO FILM)						
Static	-	D1894	0.28	0.27	0.27	0.27
Kinetic	-		0.26	0.25	0.25	0.25
OPTICS						
Gloss	%	D2457	89	89	89	89
SHRINKAGE PROPERTIES						
Free Shrinkage (120°C)	MD	D2732	61	59	58	58
	TD		63	60	60	60

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