

Thickness	12um	15um	19um	25um	30um
	/50G	/60G	/75G	/100G	/120G
width	100mm-2200mm	100mm-2200mm	100mm-2200mm	100mm-2200mm	100mm-2200mm
single	3340m	2667m	2133m	1600m	1335m
center	1667m	1332m	1067m	800m	666m
length tubular	1667m	1332m	1067m	800m	666m

HUAYU@Properties		Test Method	Typical Values				
Thickness			12	15	19	25	30
Yield (m2/kg)			91	72.9	51.35	43.48	23.81
Haze (%)	D1003-95		1.4	1.7	2.1	2.3	2.5
Gloss (%)	D2457-90		92	91	91	90	89
Clarity (%)	D1746-92		88	87	84	83	81
Coefficient of Friction (film-to-film, kinetic)	D1894-95		0.22	0.22	0.22	0.22	0.23
Water Vapor Transmission Rate (gms/100sq. In./24 hrs.)	F1249-90		1.3	1.2	1.0	1.0	0.9
Oxygen Transmission Rate cc/m2/ 24 hrs. @ 73 OF., 1 atm)	D3985-95		11352	10864	8548	6726	4941
Tear Propagation (gms) LD* / TD**	D 1938		2.6/2.9	3.2/3.6	5.1/5.6	5.8/6.0	7.5/8.5
Elongation at Break (%) LD* / TD**	D 882-95		65/20	75/25	110/135	125/140	140/165
Minimum Use Temperature			-60OF				
Maximum Storage Temperature			90OF				
			LD		TD		
Tensile Strength (psi)	D 882-95		17500		19000		
Modulus of Elasticity (psi @ 73 OF)			60000		65000		
Free Shrink (%) @200 OF	D2732-83		14		20		
@220 OF			22		33		
@240 OF			57		60		
@260 OF			77		77		

Shrink Tension (psi) @200 OF	D2838-95	350	500
@220 OF		400	570
@240 OF		440	600
@260 OF		440	535
@280 OF		420	450

* Longitudinal Direction ** Transverse Direction

This information represents our best judgement based on the work done, but the Company assumes no liability whatsoever in connection with the use of information or findings contained herein. HUAYU shrink film complies with the requirements of the Federal Food, Drug and Cosmetic Act, SGS, REACH regulation as amended, for the packaging of all foods, with the exception of high alcohol.

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