



PETG SHRINK FILM

Product Code: YMR286H**Description:**

- ☆ Rigid PETG shrink film for Shrink Sleeve Label application.
- ☆ Oriented in Transverse Direction, High shrinkage with low heating temperature (85 °C/10S).
- ☆ Recommended for using in steam shrink tunnels.

Property Data:

Item		Unit	Direction	Typical Value	Tolerance	Testing Method
Thickness		μm		40,45,50	±3%	ASTM D374
Material yield	40μm	m²/kg		18.9	≤18.9	
	45μm			16.8	≤16.8	
	50μm			15.15	≤15.15	
Tensile Strength		MPa	MD	60	≥45	ASTM D882 v=100mm/min
			TD	340	≥180	
E-Modulus			MD	1600	≥1600	
			TD	4600	≥4000	
Elongation at Break		%	MD	470	≥300	
			TD	40	≥30	
Heat Shrinkage		%	MD	-2	≤3	ASTM D1204 85℃/10sec/Water
			TD	71	70~78	
C.O.F	μs	--		0.385	≤0.60	ASTM D1894E
	μk			0.35	≤0.55	
Haze		%		4.97	≤7.0	ASTM D1003
Gloss（45°）		--		110	≥100	ASTM D2457
Dyne		mN/m		40	≥38	ASTM D2578
Density		g/cm³		1.32	≤1.32	ASTM D792

Shrinkage Curve: