

Technical Data Sheet – TopGreen® Co-polyester film

SHFTU-Y is a co-polyester film with excellent uniformity of thickness and stable shrinking behaviors. SHFTU-Y is a high TDO shrink film with very good MDO shrink performance. It is suitable for high contour containers and complex geometries. It is suitable for shrinking by hot air and steam tunnels.

Properties		Unit	Spec.	Test Method
Thickness		µm	25 - 80	ASTM D 1400
Shrinkage	TD	%	77 ± 5	FENC Method (95°C, 10 Sec. in water)
	MD		0.0 ± 1.7	
Tensile strength	TD	PSI	40000 ± 8000	ASTM D-882
	MD		9000 ± 1500	
Haze		%	3 ± 2	ASTM D-1003
Gloss @ 60°degrees		%	145± 20	ASTM D-523
Coefficient of friction (US/UK)			0.41±0.07 / 0.35±0.07	ASTM D 1894
Density		g/cm ³	1.32	
Material yield	40 µm	m ² /kg	18.94	ASTM D-1505
	45 µm		16.83	
	50 µm		15.15	
Storage	Do not expose to direct sunlight, store below 86F (30°C) and above 50F (10C)			

