

## Technical Data Sheet – TopGreen® Co-polyester film

**SHFTM–Y** is a co-polyester film with excellent uniformity of thickness and stable shrinking behaviors. SHFTM–Y is a film with shrink characteristics similar to PVC film. It is suitable for simple and contoured containers. It is suitable for shrinking by hot air and steam tunnels.

Properties		Unit	Spec.	Test Method
<b>Thickness</b>		µm	25 - 80	ASTM D 1400
<b>Shrinkage</b>	TD	%	70 ± 5	FENC Method (95°C, 10 Sec. in water)
	MD		2.0 ± 1.7	
<b>Tensile strength</b>	TD	PSI	40000 ± 8000	ASTM D-882
	MD		9000 ± 1500	
<b>Haze</b>		%	3 ± 2	ASTM D-1003
<b>Gloss @ 60°degrees</b>		%	145± 20	ASTM D-523
<b>Coefficient of friction (US/UK)</b>			0.41±0.07 / 0.35±0.07	ASTM D 1894
<b>Density</b>		g/cm <sup>3</sup>	1.32	
<b>Material yield</b>	40 µm	m <sup>2</sup> /kg	18.94	ASTM D-1505
	45 µm		16.83	
	50 µm		15.15	
<b>Storage</b>	Do not expose to direct sunlight, store below 86F (30°C) and above 50F (10C)			

