

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

**SHFTF** is a co-polyester film with excellent uniformity of thickness and stable shrinking behaviors. SHFTF is a high TDO shrink film with very good MDO shrink performance. It is suitable for simple and multiple contour containers. Use steam tunnel for best shrink performance.

Properties		Unit	Spec.	Test Method
<b>Thickness</b>		µm	25 - 80	ASTM D 1400
<b>Shrinkage</b>	TD	%	74 ± 5 0.5 ± 1.7	FENC Method (95°C, 10 Sec. in water)
	MD			
<b>Tensile strength</b>	TD	PSI	40000 ± 8000 9000 ± 1500	ASTM D-882
	MD			
<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)			

