



Technical Data Sheet

[ULSTAR-840S, Standard Grade]

As of May 13, 2015

Item	Specification		Evaluation Method
Physical Properties	Material	Polypropylene	
	Thickness	80 ±5 μ m	Micro-gauge
	Product Size	Width 84mm+0/-1 Length 13.5m+/-0.1	Roll unit
	Whiteness	85.0% Min	ASTM E 313 Spectro eye
	Maximum Optical Density (Dmax)	1.30 Min	DIN 16536 Spectro eye
	Gloss	60.0% Min	ASTM D 523 Incident angle ; 85 ^o
Preservation Abilities	Thermal Resistance	90% Min	At 50 $^{\circ}$ C , No Color Change during 1 day (Preservability of Max. Optical Density)
	Humidity Resistance	90% Min	At 40 $^{\circ}$ C , 90%RH, 26 hours (Preservability of Max. Optical Density)
	Sunlight Resistance	90% Min	Below sunlight, 28 $^{\circ}$ C , 50%RH, 1day (Preservability of Max. Optical Density)