



# Technical Data Sheet

[ULSTAR-1100HG, High Glossy Grade]

**As of April 21, 2015**

Item	Specification		Evaluation Method
Physical Properties	Material	Polypropylene	
	Thickness	$80 \pm 5 \mu\text{m}$	Micro-gauge
	Product Size	Width 110mm+0/-1 Length 18m+/-0.1	Roll unit
	Whiteness	85.0% Min	ASTM E 313 Spectro eye
	Maximum Optical Density (Dmax)	1.70 Min	DIN 16536 Spectro eye
	Gloss	88.0 % Min	ASTM D 523 Incident angle ; 85°
Preservation Abilities	Thermal resistance	90% Min	At 50°C, No Color Change during 1 day (Preservability of Max. Optical Density)
	Humidity Resistance	90% Min	At 40°C, 90%RH, 26 hours (Preservability of Max. Optical Density)
	Sunlight Resistance	90% Min	Below sunlight, 28°C, 50%RH, 1day, (Preservability of Max. Optical Density)