



Technical Data Sheet

[ULSTAR-1100HD, High Density Grade]

Item	Specification		Evaluation Method
Physical Properties	Material	Polypropylene	
	Thickness	83 ± 5 μm	ISO 534
	Product Size	Width 109.5 ± 0.3 mm Length 20 m Min	KS B 5203
	Whiteness	95 ± 7 %	ISO 5-4
	Maximum Optical Density (Dmax)	1.90 ± 0.15	ISO 5-4
	Gloss	85 ± 5 %	ASTM D 523
	Basis Weight	74 ± 5 g/m ²	TAPPI T-410
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 1 day (Preservability of Max. Optical Density)
	Sunlight Resistance	90% Min	Below sunlight, 28°C, 50%RH, 5000lx 1day, (Preservability of Max. Optical Density)

1. The data in this sheet represents average and does not constitute a warranty.
2. All the products shall be stored in a dark, cool and dry place below 30°C / 60% RH.