



Technical Data Sheet

[ULSTAR-1100HD, High Density Grade]

Item	Specification		Evaluation Method
Physical Properties	Material	Polypropylene	
	Thickness	85 ± 5 μm	TAPPI T-411
	Product Size	Width 110 ± 0.1 mm Length 20 ± 0.1 m	KS B 5203
	Whiteness	90% Min	ASTM E 313
	Maximum Optical Density (Dmax)	1.70 Min	DIN 16536
	Gloss	90% Max	ASTM D 523
	Basis Weight	60g/m ² Min	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, 26 hours (Preservability of Max. Optical Density)
	Sunlight Resistance	90% Min	Below sunlight, 28°C, 50%RH, 1day, (Preservability of Max. Optical Density)