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SPECIFICATION SHEET

MODEL NO.: POLYSTAR R-30

APPLICATION

This product has a durable super-high sensitivity for use with high speed or low energy thermal printers. Recommended application is fruit labels for fast printing.

PHYSICAL PROPERTIES

<u>Property</u>	<u>Unit</u>	<u>Specification</u>	<u>Test Method</u>
Basis Weight	g/m ²	26±5	TAPPI T-410
Caliper	µm	37±5	TAPPI T-411
Whiteness	%	80 Min	Spectroeye

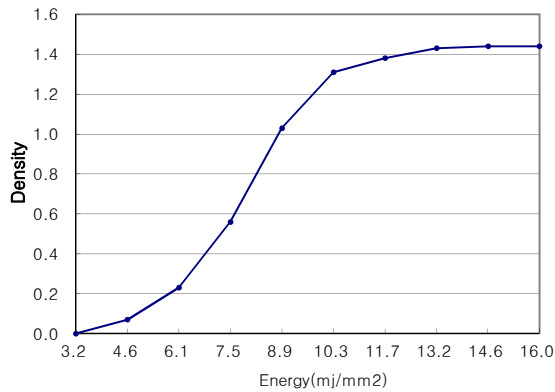
PRESERVATION PROPERTIES

<u>Test Item</u>	<u>Test Method</u>	<u>Image Density</u> (Dmax Remaining)	<u>Background Density</u>
Heat Resistance	60°C for 5 minutes in oven	1.20 Minimum	0.20 Maximum
Heat & Humidity Resistance	40°C 90%RH for 26 hours	1.20 Minimum	0.30 Maximum
Plasticizer Resistance	Put PVC Film on the printed face with pressure of 1.3kg/m ² at 50°C for 24 hours	1.20 Minimum	0.15 Maximum

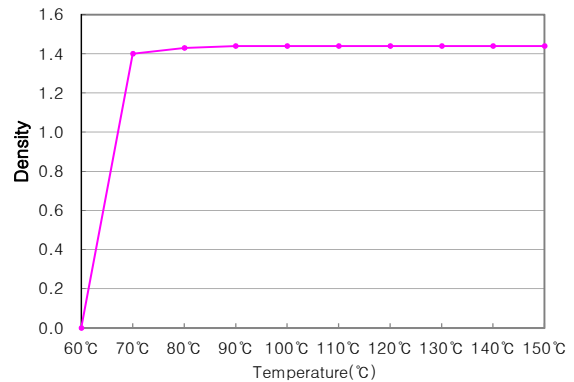
SENSITIVITY

<u>Property</u>	<u>Specification</u>	<u>Test Method</u>
Image Density (Dmax)	1.30 Minimum	Spectroeye
Background Density	0.15 Maximum	Spectroeye

DYNAMIC SENSITIVITY



STATIC SENSITIVITY



- Remark:**
- Density: measured by Spectroeye
 - DYNAMIC SENSITIVITY: tested by ATLANTEK 400, Medium Energy
 - The data in this specification sheet represent averages and are used for reference only.