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SPECIFICATION SHEET

MODEL NO.: POLYSTAR R-80

APPLICATION

This product has highly sensitive optical density gradation. Recommended applications are video printer for thermal-printing sensitive immages, chart papers, seismic recorders, weather charting, and shelf markings.

PHYSICAL PROPERTIES

Property	Unit	Specification	Test Method
Basis Weight	g/㎡	67±5	TAPPI T-410
Caliper	μm	87±5	TAPPI T-411
Whiteness	%	88 Min	Spectroeye

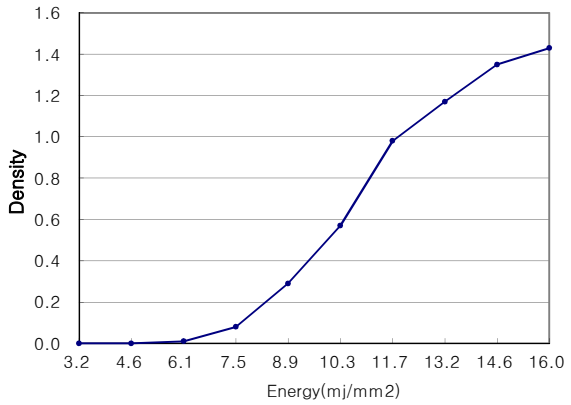
PRESERVATION PROPERTIES

Test Item	Test Method	Image Density (Dmax Remaining)	Background Density
Heat Resistance	70°C Dry for 5 minutes in oven	1.20 Minimum	0.20 Maximum
Heat & Humidity Resistance	40°C 90%RH for 26 hours	1.20 Minimum	0.20 Maximum
Plasticizer Resistance	Put PVC Film on the printed face with pressure of 1.3kg/m^2 at 50°C for 24	1.20 Minimum	0.12 Maximum

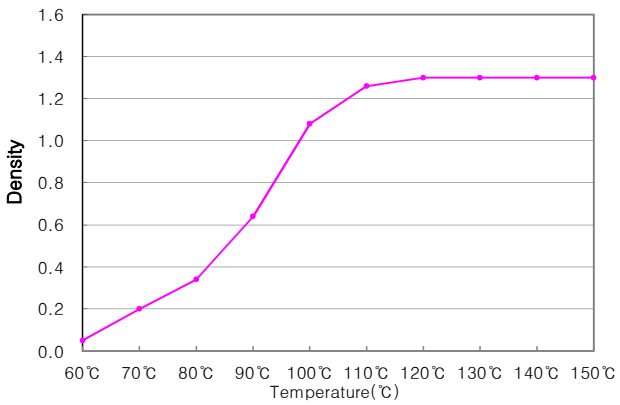
SENSITIVITY

Property	Specification	Test Method
Image Density (Dmax)	1.30 Minimum	Spectroeye
Background Density	0.10 Maximum	Spectroeye

DYNAMIC SENSITIVITY



STATIC SENSITIVITY



Remar 1. Density: measured by Spectroeye

2. DYNAMIC SENSITIVITY: tested by ATLANTEK 400, Medium Energy

3. The data in this specification sheet represent averages and are used for reference only.