

PRODUCT INFORMATION

Polycash 10/3380 TRES

TOTAL CONSTRUCTION:

Basis Weight (24x36-500 Sheets)
Caliper
Initiated Tear Strength (MD/CD)

Representative Data

181# (283 g/m²) Avg
10.84 Mills (274 Microns) Avg
660/925 gf Avg

Test Method

TAPPI T-410
TAPPI T-411
TAPPI T-414

DIRECT THERMAL SIDE:

Brightness	87% Avg	TAPPI T-525
Smoothness	400 sec Avg	TAPPI T-479
Image Color	Black	
Initial Activation Temperature (O.D.=0.2)	162 ± 9°F (72 ± 5°C)	
Effective Activation Temperature (O.D.=0.8)	194 ± 9°F (90 ± 5°C)	
Optimum Activation Temperature (O.D.=1.4)	230 ± 9°F (110 ± 5°C)	
Resistance to Oils, Plasticizers	Excellent	
Resistance to Alcohol	Excellent	
24 Hour Water Immersion	Excellent	

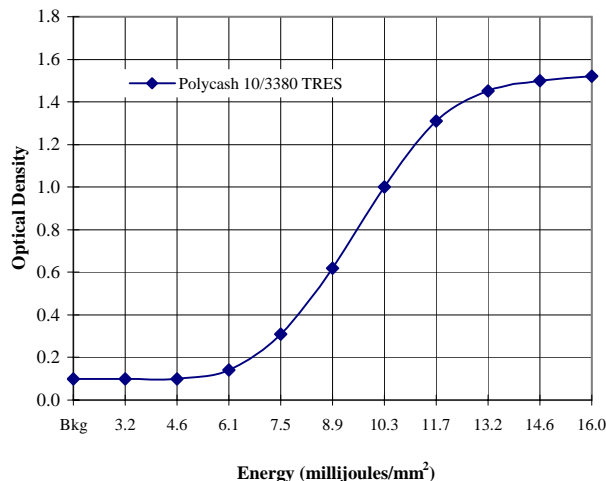
NON-THERMAL SIDE

Surface Tension 44 dynes/sq cm Avg

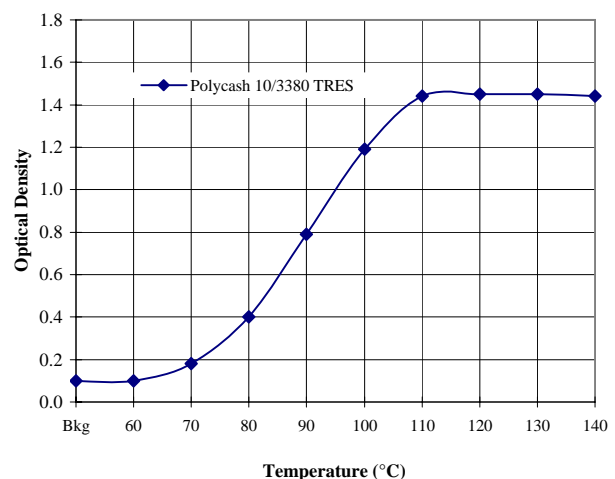
APPLICATION NOTES:

A durable 10.8 Mil direct thermal synthetic card stock with higher tear resistance than our regular Polycash 103380. High sensitivity direct thermal suits a wide variety of printers. Printability has been found to be acceptable on both face and back sides. Use where applications require a higher level of initiated tear strength. May be used for ski lift tagging, commercial tagging, transit passes, game license, amusement passes, and non-waterpark wristband applications.

Dynamic Sensitivity



Static Sensitivity



Dynamic Sensitivity: Atlantek 400, Medium Energy

Recommended for short-term moisture exposure only. Do not subject to abrasion when wet.

The data described in this product information sheet represent product averages and should be utilized only after allowing for accepted industry variances. Vendor shall not be responsible for liability resulting from any deviation from this information, and all products should be pretested to ensure that products meet all intended requirements of specific end-use application.