

## PRODUCT INFORMATION

## Polycash 10 / 3380 TRES

### TOTAL CONSTRUCTION:

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

### Representative Data

181# (283 g/m<sup>2</sup>) Avg  
10.84 Mils (274 Microns) Avg  
660/925 gf Avg

### Test Method

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

### DIRECT THERMAL SIDE:

Brightness  
Smoothness  
Image Color  
Initial Activation Temperature (O.D.=0.2)  
Effective Activation Temperature (O.D.=0.8)  
Optimum Activation Temperature (O.D.=1.4)  
Resistance to Oils, Plasticizers  
Resistance to Alcohol  
24 Hour Water Immersion

87% Avg  
400 sec Avg  
Black  
162 ± 9°F (72 ± 5°C)  
194 ± 9°F (90 ± 5°C)  
230 ± 9°F (110 ± 5°C)  
Excellent  
Excellent  
Excellent

TAPPI T-525  
TAPPI T-479

### NON-THERMAL SIDE

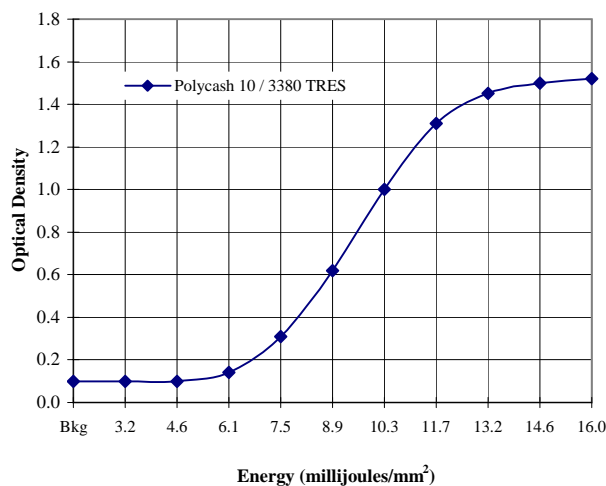
Surface Tension

44 dynes/sq cm Avg

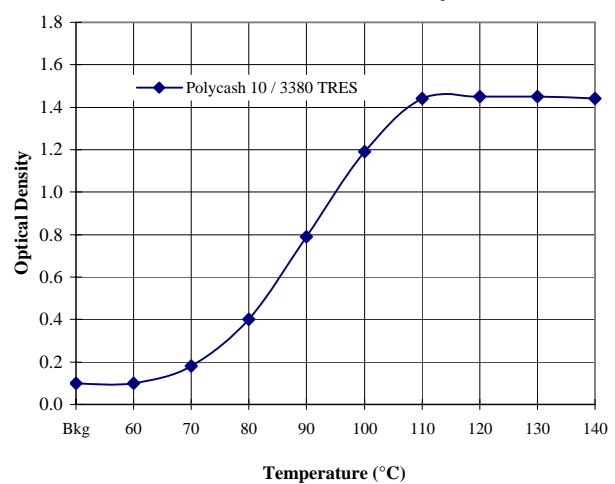
### APPLICATION NOTES:

A durable 10.8 Mil direct thermal synthetic card stock with higher tear resistance than our regular Polycash 10/3380. 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 any 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.