

PRODUCT INFORMATION

POLYCASH 10 / 1380 TRES

TOTAL CONSTRUCTION:

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

Representative Data

181# (283 g/m²) Avg
10.6 Mils (269 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

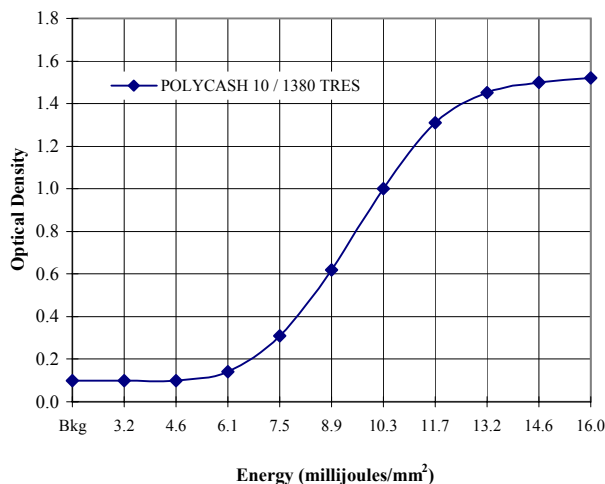
Surface Tension

44 dynes/sq cm Avg

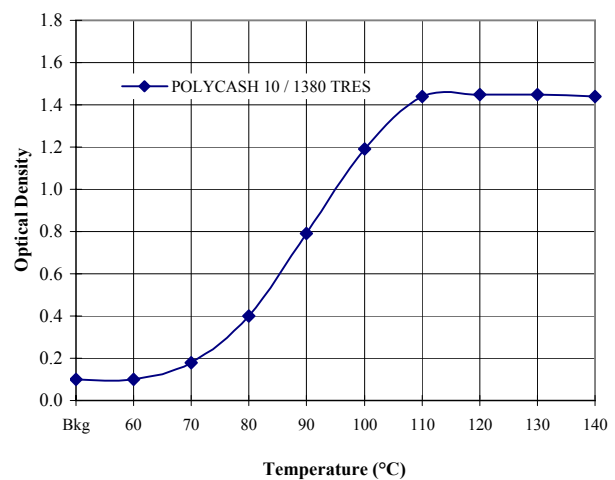
APPLICATION NOTES:

A durable 10.5 Mil direct thermal synthetic card stock with higher tear resistance than our regular Polycash 10/1380. 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.