

## PRODUCT INFORMATION

## Polycash 32180TR

### TOTAL CONSTRUCTION:

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

### Representative Data

120# (195 g/m<sup>2</sup>) Avg  
 7.40 Mils (188 Microns) Avg  
 1100 / 2200 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

84.0% Avg  
 250 sec Avg  
 Black  
 158 ± 9°F (70 ± 5°C)  
 185 ± 9°F (85 ± 5°C)  
 220 ± 9°F (105 ± 5°C)  
 Excellent  
 Excellent  
 Excellent

TAPPI T-525  
 TAPPI T-479

### NON-THERMAL SIDE

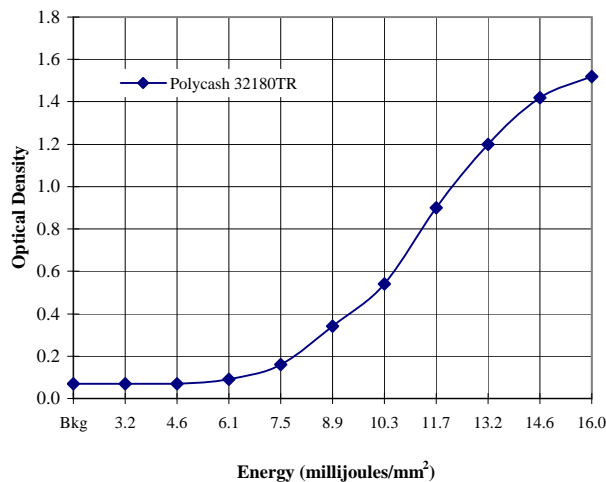
Surface Tension

44 dynes/sq cm Avg

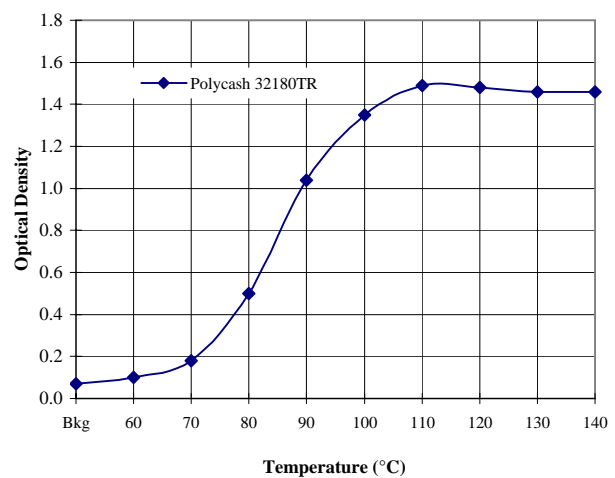
### APPLICATION NOTES:

A durable medium-high caliper, cost effective, synthetic tag material with enhanced tear resistance and **medium sensitivity**. Good flexographic printability for use in a wide range of applications, including commercial tagging, sport/game licensing, amusement pass, and ski lift tickets. **Polycash 32180TR** requires a primer coat or corona treatment prior to any flexographic printing on the back side.

### 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.