

## PRODUCT INFORMATION

## POLYCASH 7 / 1380

### TOTAL CONSTRUCTION:

Basis Weight (24x36-500 Sheets)  
Caliper

### Representative Data

98.2# (159 g/m<sup>2</sup>) Avg  
7.54 Mils (191 Microns) Avg

### Test Method

TAPPI T-410  
TAPPI T-411

### 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	

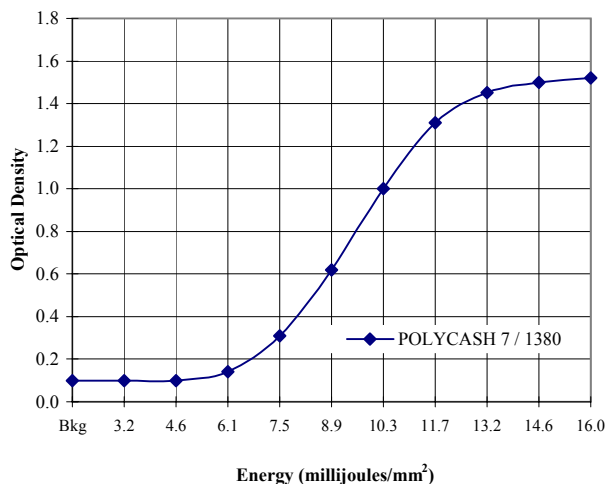
### NON-THERMAL SIDE

Surface Tension 46 dynes/sq cm Avg

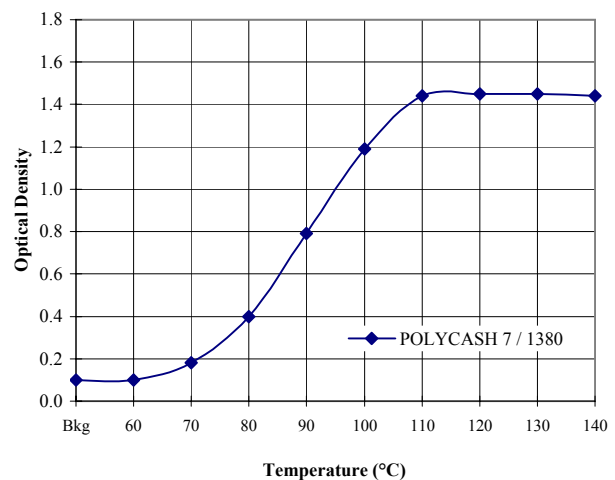
### APPLICATION NOTES:

A durable 7.5 Mil direct thermal synthetic card stock. High sensitivity direct thermal suits a wide variety of printers. Polypropylene base has very good "lay flat" characteristics. The reverse film side is well suited for UV offset and flexographic printability. Perfect for phone cards, transportation cards and other cash value applications where "declining balance" debit transactions occur, or where product life exceeds limits of normal paper ticket stocks.

### 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.