

# Kuraray Spallshield® CPET Sheeting

## GAUGE FOR GLAZING APPLICATIONS

### Film Product Specification

#### 1.0 General Description:

Spallshield® CPET is an extremely clear PET film with excellent visual, thermal and scratch resistant properties. It is designed to have excellent adhesion on the uncoated side to polyvinyl butyral sheeting\* and to exhibit good planarity. The hard coat is a proprietary formulation with the following features:

\*Please contact your Kuraray representative for Butacite® grades.

#### 2.0 Critical Film Properties:

Film Property	Typical Value	Minimum	Maximum
Calculated mean thickness (mils)	7.0	6.80	7.20
MD Shrinkage at 190 °C for 5 minutes (%)	2.5	1.0	4.0
TD Shrinkage at 190 °C for 5 minutes (%)	2.0	1.0	3.0
Gardner haze (%)	0.8	None	1.0
MD Tensile break strength (psi)	25,000	20,000	None
TD Tensile break strength (psi)	29,000	25,000	None

#### 3.0 Web Quality:

- 3.1 No creases or folds
- 3.2 No edge nicks, cuts, tears, or other defects which could lead to web breaks

#### 4.0 Roll Configuration:

- 4.1 Roll Type: Master Role
- 4.2 Roll Length: 820 ft/250 m
- 4.3 Film Width: 60 in/152.4 cm
- 4.4 Film shall be wound on a 6 inch nominal ID fiber core, Sonoco Type G or equivalent

## REGIONAL CONTACT CENTERS

Kuraray Co., LTD  
Ote Center Bldg.  
1-1-3, Otemachi  
Chiyoda-ku, Tokyo, 100-8115, Japan  
Phone: +81 3 6701 1508

Kuraray Europe GmbH  
Glass Laminating Solutions  
Philipp-Reis-Str. 4  
65795 Hattersheim, Germany  
Phone: +49 (0) 69 30585300

Kuraray Americas, Inc.  
2625 Bay Area Blvd. #600  
Houston TX 77058, USA  
Phone: +1.800.423.9762

Kuraray Mexico S.de R.L. de C.V.  
Homero 206, Polanco V seccion,  
cp 11570,  
Mexico City, Mexico  
Phone: +52 55 5722 1043

For further information  
about SentryGlas®, please visit  
[www.sentryglas.com](http://www.sentryglas.com)

The Kuraray logo is displayed in a bold, blue, sans-serif font. The letters are lowercase, and the 'y' has a long, sweeping tail that extends to the right.

Copyright ©2014 Kuraray. All rights reserved.

Spallshield® and Butacite® are registered trademarks of Kuraray.

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Kuraray cannot anticipate all variations in actual end-use conditions, Kuraray make no warranties and assume no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under a recommendation to infringe any patent rights.