



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Silstab® 2970

DESCRIPTION

Silstab®2970 is a non-hydrolyzable block copolymer of dimethylsiloxane and a polyoxyalkylene, to be used in the manufacture of polyisocyanurate (PIR) boardstock foams blown with hydrocarbons.

TYPICAL PROPERTIES

Appearance, 25 ^o C	Hazy liquid
Colour, Gardner	1
Viscosity at 25 ^o C, cps	1600
Specific Gravity at 25 ^o C	1.10
Hydroxyl Number, mg KOH/g	95
Flash Point, ^o C (PMCC)	>100 ^o C
Freezing Point, ^o C	<0 ^o C

USES & APPLICATIONS

Silstab®2970 imparts improved emulsification and nucleation producing a finer cell structure and lower k-factor.

Silstab®2970 is recommended for use with polyethylene terephthalate (PET) phthalic anhydride (PA) and dimethyl terephthalate (DMT) based aromatic polyester polyol systems for making boardstock and bunstock.

During machine trials **Silstab®2970** shows:

1. Improved flow
2. Smooth top surface, minimal scalloping
3. Increased "green" compressive strength.
4. Wide processing latitude, able to produce board thickness from <0.5 inch to 4 inches

The recommended concentration used is between 1.0 - 3.0% weight percent on the B-side.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

When stored between 10 and 40^oC in the original unopened container, **Silstab®2970** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Silstab®2970 is supplied in 200kg drums and 1,000kg totes.

LEGAL DISCLAIMER

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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