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TECHNICAL DATA SHEET

Silstab® 2580

DESCRIPTION

Silstab® 2580 is a non-hydrolyzable block copolymer of dimethylsiloxane and a polyoxyalkylene, to be used in the manufacture of rigid polyurethane foams and integral skin foams.

TYPICAL PROPERTIES

Appearance	Clear to hazy liquid
Colour, Gardner	1
Viscosity at 25°C, cps	2,500
Specific Gravity at 25°C	1.05
Flash Point, °C (PMCC)	>100°C
Freezing Point, °C	< 0°C
Hydroxyl Number, mg KOH/g	190

USES & APPLICATIONS

Silstab® 2580 produces a fine, uniform cell structure with a high degree of closed cells and excellent flow performance. **Silstab® 2580** is recommended for rigid polyurethane foams formulated with liquid or gaseous fluorocarbons and hydrocarbons. **Silstab® 2580** is especially formulated for spray, pour-in-place and appliances.

In HFO-1233zd blown foams, **Silstab® 2580** imparts improved long-term aging of the B-side.

In addition, in integral skin foam systems, **Silstab® 2580** imparts a finer micro-cellular foam structure with reduced surface defects.

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 in the original, unopened containers between 10 and 40°C, **Silstab® 2580** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silstab® 2580 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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