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TECHNICAL DATA SHEET

**Siltech<sup>®</sup> P-160**  
Silicone Polyether Copolymer

**DESCRIPTION**

**Siltech P-160** is a water dispersible, alcohol and solvent soluble silicone polyether for use in either aqueous or non aqueous systems. Siltech P-160 is described by CAS#68937-55-3 which is listed under FDA CFR 176.210.

**TYPICAL PROPERTIES**

Appearance	Clear, light straw liquid
Colour, Gardner	2
Viscosity, cps	1200
Cloud Point, °C	25
Active Content, %	100
Water Solubility (1 % & 10%)	Soluble, dispersible
Alcohol Solubility (1% & 10% IPA)	Soluble, soluble

**APPLICATION & USES**

**Siltech<sup>®</sup> P-160** is a water-dispersible silicone polyether that is primarily used in mineral oil based pulp mill defoamers to improve its efficacy. It has excellent performance over a wide range of process conditions.

**Siltech P-160** is used as a foam control agent, wetting agent, surface tension depressant, drainage aid, or a dispersant in various industrial chemical formulations.

**Siltech P-160** conforms to FDA regulation 21 CFR 176.210 as "defoaming agents used in the manufacture of paper and paperboard"

**Siltech P-160** is designed to be used in water based defoamer formulations where it provides knockdown and control of foam. It is best used in conjunction with, and as a dispersant for, foam control actives in demanding foam applications such as pulp and paper, laundry, textiles, and agriculture. In these formulations **Siltech P-160** provides enhanced knockdown, improved formulation stability and compatibility, drainage and moderate wetting.

**Siltech P-160** is effective at very low levels and shows excellent compatibilities in aqueous and non-aqueous systems. The recommended usage level is between 0.1-2.0 wt % percent based on the total formulation. It can typically be added at any stage during the production process.

**SHELF LIFE**

When stored in the original, unopened containers between 10 and 40<sup>0</sup> C, **Siltech P-160** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Siltech P-160** is supplied in 20kg pails and 200kg drums.

**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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