

# ADDSiL™ 16176

## Silicone Surfactant for Polyurethane Sole

### INTRODUCTION

ADDSiL™ 16176 is a non-hydrolyzable silicone copolymer designed for One Component Foam (OCF), poly-urethane (PUR) and poly-isocyanurate (PIR) lamination systems.

In OCF applications ADDSiL™ 16176 will stabilize the foam structure and assist greatly in pre-polymer compatibility. In rigid lamination systems, ADDSiL™ 16176 can significantly improve lambda values compared to conventional silicone surfactants, making it the ideal choice to assist in meeting increasingly tough building regulations.

### FEATURES

- ❑ Improves foaming efficiency, brings good foam flow and well density distribution.
- ❑ Good compatibility with polyol pre-blends, and non-hydrolysable structure for excellent pre-mix stability.
- ❑ Low viscosity and low freezing point allowing for easy handling and accurate pumping.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear liquid
Viscosity 25°C	400~600 cSt
Density 25°C	1.01~1.05 g/cm <sup>3</sup>
Water solubility	Insoluble

### APPLICATIONS

- ❑ All polyether, polyester and polyether/poly-ester based rigid PUR and PUR/PIR formulations.
- ❑ Continuous and discontinuous insulation panels (flexible and metal faced).
- ❑ One Component Foam (OCF).
- ❑ The recommended use level ranges from 1.0 to 2.5 pphp.

### PACKING AND STORAGE

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ADDSiL™ 16176 is supplied in net weight 25 kg cans, 200 kg steel drums, 1000 kg IBC tote.

When stored at ambient temperature in the original unopened packings, ADDSiL™ 16176 has a shelf life of 12 months from the date of production.

### NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: [support@SiSiB.com](mailto:support@SiSiB.com).