

# ADD*SiL*™ 11210

## SILICONE SURFACTANT for PU RIGID FOAM

### INTRODUCTION

ADD*SiL*™ 11210 silicone surfactant is a non-hydrolytic polyether polydimethylsiloxane copolymer with high activity.

It is designed for HCFC-141b blown polyurethane foams; it provides ideal balance of processing and performance properties.

### FEATURES

Fine Cells Texture	■ ■
Emulsification	■ ■
Solubility	■ ■ ■
Flow Ability	■ ■
Dimensional Stability	■ ■
Void Reduction	■

### TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent viscous liquid
Viscosity <sub>25°C</sub>	800+/-200 mPa.s
Density <sub>25°C</sub>	1.07+/-0.02 g/cm <sup>3</sup>
Water	Max. 0.3%
Freezing point	< 0 °C
pH (4% water solution)	6.0+/-1.5

### APPLICATIONS

ADD*SiL*™ 11210 has good solubility in all common types of polyether polyols used in polyurethane rigid foam productions.

ADD*SiL*™ 11210 is recommended for use in rigid lamination, pour-in-place, insulation panel and appliance applications.

ADD*SiL*™ 11210 provides good compatibility in the premixed systems containing polyether polyol, water, amine and fire retardant, avoiding haziness and phase separation.

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## **SILICONE SURFACTANT for PU RIGID FOAM**

ADD*Si*L™ 11210 provides excellent nucleation ability. Very fine cells and flow can deliver foams with constantly low thermal conductivities in all areas of the foamed refrigerator cabinet.

The recommended concentration of this product is 2% to 3% of polyol (php).

### **PACKING AND STORAGE**

ADD*Si*L™ 11210 surfactant will become hazy when stored at temperatures below 20°C and will solidify to a soft wax at temperatures below 10°C. The product should be warmed to room temperature and stirred before use.

ADD*Si*L™ 11210 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packing, ADD*Si*L™ 11210 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).