



PennWhite

Prosil E70

foam control agent

technical data sheet

foam control agents - general grade

Prosil E70 is a concentrated silicone oil emulsion containing a low molecular weight polydimethyl siloxane. **Prosil E70** is especially beneficial in the manufacture of PU latex/gelled rubber latex foam products and provides the following benefits:

- Reduction in tackiness of cells
- Reduction in compression set
- Allows faster running speeds
- Minimises formulation of coarse bubbles in wet foam
- Improves foam structure
- Reduction in tendency to delaminate
- Improves adhesion of foam to substrate
- Improves surfactant properties
- Improves compound stability in the 'rolling bank' behind nip roller
- Provides lubrication
- Improves abrasion resistance of skin of foam surface
- Imparts sheen to cured foam surface
- Disperses easily into latex
- No special mixing equipment is necessary

TYPICAL PROPERTIES

Appearance:	White viscous liquid
Active Content:	70% w/w
Specific Gravity:	0.97 at 25°C
Shelf Life:	Minimum 12 months

APPLICATION

Prosil E70 is designed for use with ammonium acetate gelled latex foam systems or carboxylated 'no-gel' systems.

Prosil E70 is added at 0.3% to 0.5% on dry weight of rubber at the compounding stage as one of the final components after addition of fillers.

Prosil E70 may also be added immediately prior to foaming by injection into mixing head of the foam generator.

Prosil E70 should not be used in the same feed line as ammonium acetate.

PACKAGING

Prosil E70 is available in 200kg drums.

(OPA2/F2)

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**For additional technical or safety advice call us
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