

QSil Matting Agent Matte Surface Finish Additive

Description

This results in a matte finish on select silicone elastomer products when used at the appropriate levels. The matte finish will appear on the exposed surface of the silicone elastomer within 24 – 48 hours.

Key Features

- 100% Solids content
- Recommended level 0.5% - 1.0%

Key Applications

- Reduces the Coefficient of Friction (CoF)

Application

QSil Matting Agent is an additive to achieve a matte finish and can be used with most addition (platinum) or condensation (tin) cure silicone elastomers.

Use and Cure Information

MIXING

For best results, add to the base component at a 0.5 % – 1.0 % level and thoroughly mix. It is recommended that a small test batch be run to ensure that the appropriate level has been added. The matte finish will appear on the exposed surface of the silicone elastomer.

The matting agent can, in some cases, cause inhibition in addition cure systems. Additionally, the matting effect may not be as pronounced in a heat cure system and may, in fact, not appear at all depending on the composition of the elastomer. The matting agent can also cause a yellow finish to appear on the surface of the material it is being used with, particularly when used at higher levels. In addition, the yellowing may become darker as the material ages.

Property

Uncured Product

Color

Flash Point °C

Specific Gravity

Test Method

BS 2000-34

Value

Blue

>140 °C

0.935

Storage

Max Storage

Temperature

Shelf Life

38 °C / 100 °F

12 mths

Revision Date 12 Oct 2021
Revision No 4
Download Date 19 May 2024

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