

Technical Data Sheet

CRYFLA® Pigment Paste for Silicone Rubber

Supplier

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Product Description

CRYFLA® Pigment Paste is specially developed for coloring liquid silicone rubber. It provides high tinting strength and temperature resistance as well as low migration. When used and dosed correctly, it does not interfere with the curing of platinum-cured silicones.

Technical Data

Property	Specification
Product type	Highly concentrated silicone pigment paste
Base	Silicone polymer
Composition	Silicone polymer, highly concentrated pigment, dispersing agents and other additives
Appearance	Viscous to gel-like paste, depending on color
Tinting strength	High
Oil absorption	≤ 80 %
Recommended dosage	approx. 1.0-2.0% based on the silicone mixture
Compatibility	For liquid silicone rubber; suitable for platinum-cured systems
Shelf life	6 months in unopened original packaging when stored in a cool place

Processing

Thoroughly mix the pigment paste into the silicone base before adding the curing agent or Component B. As a guideline, approximately 1.0-2.0% pigment paste based on the silicone mixture is recommended. The dosage can be adjusted depending on the desired color intensity. Then mix and process the silicone according to the processing instructions of the respective system.

A small preliminary test is recommended before production use, particularly when using new silicone systems or high pigment concentrations.

Applications

For coloring liquid silicone rubber, particularly for mold making, model making, art and design applications, as well as other applications where colored silicone is required.

Storage

Store in the unopened original packaging in a cool, dry place protected from direct sunlight. Shelf life is 6 months.

Safety

Avoid contact with skin and eyes. In case of eye contact, rinse thoroughly with water. Do not swallow. In case of skin irritation or intolerance, discontinue use and wash the affected skin thoroughly with soap and water.

Keep out of reach of children. Not suitable for consumption. Not a toy. Not intended for medical or therapeutic applications.

A preliminary test is recommended before use to verify compatibility with the silicone system being used.

Notes

The information in this data sheet is based on the available product data and test documentation. The user is responsible for determining suitability for the intended application. No suitability is warranted for applications with special technical, regulatory or safety-related requirements.

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