



CSD024-PT

Description: CSD024-PT is a platinum catalyst dispersion used for addition cure VMQ silicone HCR's.

Key Features:

- ◆ Can be used as a flame retardant.
- ◆ Ease of compounding.
- ◆ Used primarily for extrusion applications.
- ◆ Allows users to easily adjust their cure profiles.

How To Use:

CSD024-PT should be added on a two-roll mill prior to curing. It should be added after any cross-linker or inhibitor. The dispersion will impart the best properties when used at 1.0 – 2.5 phr. This concentration can be varied depending on the end use of the silicone rubber.

Storage and Shelf Life:

When stored at or below 32C (90F), this material has a shelf-life of 12 months from the date of manufacture.

Addition Cure Formulation Information:

CSD024-PT does contain a small amount of inhibitor which allows the user the ability to blend the platinum and inhibitor dispersions together while compounding on a two-roll mill. This reduces the issue of pre-cure during cross-blending.

Warnings:

The curing mechanism this material utilizes can be inhibited by contact with other materials containing amines, sulfur, tin complexes, and some peroxides. This inhibition can be through both air-born and direct contact. It is advisable to test compatibility (via patch test in which a small amount of catalyzed material is heated) to determine whether or not it cures at the interface or in the oven used.

Property:

Typical Value:

- | | |
|--------------------|----------------------|
| ◆ Classification | PT-Platinum Catalyst |
| ◆ Specific Gravity | 1.12 |
| ◆ Color | Translucent/Clear |
| ◆ Polymer Type | VMQ |

Food-Grade Products:

The components of CSD024-PT are listed in 21 CFR 177.2600. This FDA regulation deals with rubber articles intended for repeated use in contact with food.

Packaging:

CSD024-PT is supplied in 50lb boxes, net weight.

BENEFITS

- ◆ Offers excellent mechanical properties when compounded correctly.
- ◆ Easy storage
- ◆ Fast and easy cleanup
- ◆ Easily incorporated into existing formulations.

TURNKEY SOLUTIONS

CRI-SIL additives and dispersions are intended to quickly and easily modify your compounds to achieve your desired affect. We offer many products that can be added on a two-roll mill with very little preparation.

CRI-SIL SERVICES

- ◆ Custom silicone compounding
- ◆ Processing Assistance
- ◆ Fast Quoting
- ◆ Free Samples

Limited Warranty Information

Please Read Carefully

DISPOSAL

CRI-SIL CSD024-PT should be disposed of in accordance with local and federal regulations.

WRITING SPECIFICATIONS

The values listed here are considered "Typical Values" and therefore not intended for use in preparing specifications. Please contact CRI-SIL Silicone Technologies prior to writing specifications on these products.

MORE INFORMATION

For more information on any of our products or services please visit us on the Web at:
www.cri-sil.com

The information contained herein is offered in good faith and is believed to be accurate. However, because end-use manufacturing conditions vary, this information should not be used in substitution of actual product testing to ensure full satisfaction for the intended end use.

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359 Hill St.
Biddeford, ME 04005 USA
Phone: 800.290.9192
Phone: 207.283.6422
Fax 207.283.6551