



CSD005-AN

Description: CSD005-AN is a dispersion typically used to neutralize acidic by-products in silicone formulations; it can also increase oil resistance in most silicone HCRs.

Key Features:

- ◆ Improves oil resistance at high temperatures.
- ◆ Eliminates bloom when compounded with 2,4 dichlorobenzol peroxide.
- ◆ Improves compression set resistance when compounded with 2,4 dichlorobenzol peroxide.

How To Use:

CSD005-AN should be added on a two-roll mill prior to curing. The dispersion can be with as little as 0.25 to 1.0 phr to lower compression set and to prevent peroxide bloom. Larger amounts (3-30 phr) are required to increase oil resistance. In all cases, the fabricator should determine the appropriate amount required for each application.

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.

Property:

Typical Value:

◆ Classification	AN – Acid Neutralizer
◆ Specific Gravity	1.30
◆ Color	Off-White
◆ Polymer Type	VMQ

Food-Grade Products:

The components of CSD005-AN are listed in 21 CFR 177.2600. This FDA regulation deals with rubber articles intended for repeated use in contact with food.

Packaging:

CSD005-AN is supplied in 50lb boxes, net weight.

BENEFITS

- Ease of compounding.
- 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 CSD005-AN 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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