



CSTR300-70

Description: CSTR300-70 is a 65 to 75 Shore A durometer silicone HCR roller stock designed for Corona Roller applications.

BENEFITS

- Available in almost any pre-form allowing for greater efficiencies in your manufacturing process.
- Easy storage
- Fast and easy cleanup
- Ease in processing.

APPLICATIONS

- Corona Resistant Rollers.

CRI-SIL SERVICES

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

Key Features:

- Available in other colors.
- Heat Resistance 400-450°F.
- Good release qualities.

How To Use:

CSTR300-70 is available as a base (you will need to add your own pigment and catalyst), or fully compounded and ready to incorporate into your roll building process.

Storage and Shelf Life:

When stored at or below 32C (90F), this material has a shelf-life of 6 months from the date of manufacture.

Limitations:

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Property:

- | | |
|------------------|---------------------|
| Classification | CSTR – Roller Stock |
| Specific Gravity | 1.19 |
| Color | Off-White |
| Polymer Type | VMQ |

Typical Value:

Food-Grade Products:

The components of CSTR300-70 are not listed in 21 CFR 177.2600. This FDA regulation deals with rubber articles intended for repeated use in contact with food. CRI-SIL Silicone Technologies does not recommend this material for such applications.

Packaging:

CSTR300-70 comes packaged standard in 100 lb boxes (90 lb Net Wt). Packaging/Pre-form can be altered depending on customer process.

	<u>Typical Value</u>
<u>Basic Physicals</u>	
Durometer (Shore A), pts	72
Tensile, psi	1281
Elongation, %	475
100% Modulus, %	270
Tear B	118
<u>Electrical</u>	
Volume Resistivity, ohm/cm	2.30 x 10 ¹⁵
Permittivity (Dielectric Str(, KV/mm	21.8
Dielectric Constant, @50Hz	2.958
Dissipation Factor, @1000Hz	0.00046

*Properties obtained on a 2 mm thick (0.08 inches) slab: DHBP catalyzed formulation press cured 10 minutes @ 175°C (350°F).

Limited Warranty Information

Please Read Carefully

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.

All information is given in good faith, without warranty, representation, inducement or a license of any kind. CRI-SIL does not assume any legal responsibility for use of or reliance upon same. No warranty or representation is given that CRI-SIL products described will be suitable in buyers and/or users formulations or processes for any particular end use. No representation is given as to freedom from patent infringement and suggestions of use shall not be taken as inducements to infringe any patent. Materials not manufactured or supplied by CRI-SIL may present hazards in handling and use. Contact supplier or the manufacturer for all information specific to this these matters

DISPOSAL

CRI-SIL CSTR300-70 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:
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