Silicone Technologies, LLC

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ISO 9001:2000 Certified

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PRODUCT

CSB175

Product Description

CRI-SIL HCR Silicone Rubber CSB175 is an un-catalyzed 75 durometer general purpose non post cure base.

Cure Conditions:
Catalyzed with 0.4 pph of DBPH* to 100 pph base
Press Cured: 10 min @ 350'F

Properties	Typical Results
Plasticity	399
Specific Gravity	1.21
Durometer (Shore A)	72
Tensile psi	1311
Elongation %	341
Tear B,ppi	90
Heat Age	
70Hrs @ 437'F	
Hardness Change, pts	+9
Tensile Change, %	-35
Elongation Change, %	-65

*2,5-dimethyl-2,5-di(t-butylperoxy)hexane 100% active

Key Features
-No Post Cure
-Blendable
-Versatility for any number of applications

Storage and Shelf Life
When stored at or below 32C (90F), the CSB175 has a shelf life of 12 months from the date of manufacture.

Packaging
CRI-SIL CSB175 is supplied in 50 lb and 1000 lb boxes, net weight.

Fabrications

Fabricators should make their selection of peroxide catalyst based of their specific fabrication method(s), desired properties, and safety considerations.

The optimum cure cycle will greatly depend on the method of processing used and the physical dimensions of the vulcanized product. Specific application may require the use of an air oven post cure.

In addition our CRI-SIL dispersions (CSD) can be added to these bases to improve various attributes.

Dispersion	Use when you want to
CSD002-HA	To Improve heat age resistance
CSD005-MO	To remove bloom issues from 2,4- Dichlorobenzoyl peroxide and to improve hydrocarbon oil resistance
CSD006-PA	To reduce plasticity
CSD0015-5M	To lower material costs and increase specific gravity
CSD0016-FR	To improve the flame resistance

Please see specific CSD Technical Data Sheets of additional information.