

BLOTTER TEST FOR COMPLETE CURE OF SILICONE FLUID

Application

This is a procedure for determining if the silicone fluid has been completely cured by pressing on a piece of tan blotter to detect any staining.

Apparatus Required

Cork Borer (Set of 6)

Catalog Number 23455-043

Available from: V.W.R. Scientific
P.O. Box 187
Allen Park, MI 48101
(or equivalent)

Spatula - Stainless Steel

Catalog Number 57946-104

Available from: V.W.R. Scientific
P.O. Box 187
Allen Park, MI 48101
(or equivalent)

Blotter Paper

Desk Pad Blotter, medium tan, Catalog Number K5D-2438 BW

Available from: Tecumseh Office Supply
Tecumseh, MI 49286
(or equivalent)

Conditioning and Test Conditions

All test values indicated herein are based on material conditioned in a controlled atmosphere of 23 +/- 2 °C and 50 +/- 5 % relative humidity for not less than 24 h prior to testing and tested under the same conditions unless otherwise specified.

Date	Action	Revisions
2001 04 10		Editorial – no technical change A. Cockman
1991 09 24		

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Procedure

1. Prepare a sample of silicone fluid in tube form and submit to a cure cycle of 25 minutes at 175 +/- 2 °C.
2. Remove tube from the oven at the end of the curing cycle.
3. Cool rapidly by forced air until the tube can be picked up by hand.
4. Using a number six standard cork-borer (10 mm I.D.), remove a plug from the axis of the tube.
5. Place a small portion of the mid-section on a blotter and work in with a spatula.
 - (a) If there is no oil absorbed on the blotter to produce a dark stain, the material is cured.
 - (b) Oil stain appearing on the paper indicates the material is not cured.

Chemicals, materials, parts, and equipment referenced in this document must be used and handled properly. Each party is responsible for determining proper use and handling in its facilities.