

TEST SLABS, FLUROSILICONE (FVMQ)  
55 - 651. SCOPE:

1.1 Form: This specification covers a standard fluorosilicone (FVMQ) rubber stock in the form of molded test slabs.

1.2 Application: Primarily for determining compatibility of the type of elastomer with various lubricating oils, hydraulic fluids, and fuels.

2. APPLICABLE DOCUMENTS: See AMS 3217.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the test slabs described herein shall consist of this document and the latest issue of the basic specification, AMS 3217.

3.2 Material: Shall be a fluorosilicone (FVMQ), compounded to the following formula:

Ingredients	Parts
LS-630®	100.0 (See 3.2.1)
Mapico 297®	1.5 (See 3.2.2)
Luperco CST®	1.3 (See 3.2.3)

Press Cure: 5 min.  $\pm$  0.5 at 115°C  $\pm$  3 (240°F  $\pm$  5).

Oven Cure: 8 hr  $\pm$  0.2 at 200°C  $\pm$  3 (390°F  $\pm$  5).

3.2.1 Weigh parts to the nearest 1.0 gram.

3.2.2 Weigh parts to the nearest 0.1 gram.

3.2.3 Weigh parts to the nearest 0.02 gram.

3.3.3 Processing: After the elastomer has banded on the rubber mill, the other ingredients shall be added in the order listed in 3.2.

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