

TEST SLABS, ACRYLONITRILE BUTADIENE (NBR-H)
High Acrylonitrile, 65 - 75

1. SCOPE:

1.1 Form: This specification covers a standard acrylonitrile butadiene (NBR-H) rubber stock with high acrylonitrile content 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 Specifications: 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 high-acrylonitrile butadiene (NBR-H) compounded to the following formula:

Ingredients	NBS		Parts
	SRM	No.	
Hycar 1002®	-	-	100.0 (See 3.2.1)
Zinc Oxide	370	-	5.0 (See 3.2.2)
Stearic Acid	372	-	1.5 (See 3.2.2)
Sulfur	371	-	1.5 (See 3.2.3)
Philblack A®, N550	-	-	45.0 (See 3.2.1 and 3.2.4)
Altax®	-	-	1.5 (See 3.2.3)

Press Cure: 20 min. \pm 0.5 at 155°C \pm 3 (310°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.

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