

LI117  
Revision Level C002  
Revision Date January 30, 2011  
TEST REPORTS FOR APL SOLID NONMETALLIC  
MATERIAL

Coded Note Number: LI117

Title: Acceptable Products List (APL) Test Report  
Requirements for Solid Non-Metallic  
Materials

IMPORTANT NOTE:

The following Test Report shall be submitted and approved prior to shipment of material.

If the seller is unable to provide the required Test Report, the seller shall submit the following information via the included email address and await further instructions from NGSB-NN: Manufacturer's Name, Product Name and Description, and Lot Number(s). If a sample of the material is requested by NGSB-NN for testing, the sample shall be forwarded to:

Northrop Grumman Newport News  
4215 Marshall Ave.  
Newport News, VA 23607  
Attn: E89 Software Coordinator  
Bldg. 600-1

Quantity: one (1) copy

Certified Test Report showing actual results of chemical analysis, which verifies that the items (products) on this order meet the following requirements:

- A. Contain no more than 250 ppm each of leachable chlorine, fluorine, or bromine.
- B. Contain no more than 250 ppm of leachable sulfur.
- C. Contain no more than 10 ppm of total mercury.

Exceptions:

- A. Rubber Gloves. Water leachable chloride limits of 500 ppm apply for rubber gloves, in lieu of 250 ppm. Rubber gloves may be leach tested at 150 degrees F minimum vice 200 degrees F minimum.

- B. Tape. Water leachable chloride and sulfur limits of 500 ppm each apply for tape, in lieu of 250 ppm each.
- C. In lieu of analysis for mercury, product manufacturers may certify that mercury and mercury compounds have not been added to the product and have not come in contact with the product during processing.

The water leachable test shall be in accordance with Appendix A, section 60 of MIL-STD-2041, Revision D Notice 2. The analysis report shall state that the analysis was performed in accordance with MIL-STD-2041, Revision D, Notice 2. At the option of the seller, solid non-metallic materials may be analyzed for the total levels of halogens or sulfur instead of water leachable levels. In such cases, the limits for totals are the same as for leachables.

The seller shall accomplish the above analysis for each lot of the specific product procured. If no seller lot identification is present, all items (products) of one type in the same shipment may be considered a single lot.

The Test Report shall be in the form of reports issued by the organization performing the analysis or exact copies thereof. Data transcribed to another organization's forms are not acceptable. The Test Report must be readily identifiable to the NGSB-NN Purchase Order and Item Number. The Test Report must be certified correct with a signature and date by the seller's authorized representative.

Forward deliverables to:

Northrop Grumman Newport News  
4101 Washington Ave.  
Newport News, VA 23607  
Attn: E89 Software Coordinator  
Bldg. 600-1

Or e-mail to: [NPMO@NGC.COM](mailto:NPMO@NGC.COM)

sulfur.

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The water leachable test shall be in accordance with Appendix A, section 60 of MIL-STD-2041, Revision D Notice 2. The analysis report shall state that the analysis was performed in accordance with MIL-STD-2041, Revision D, Notice 2. At the option of the seller, solid non-metallic materials may be analyzed for the total levels of halogens or sulfur instead of water leachable levels. In such cases, the limits for totals are the same as for leachables.

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