

Coded note number: **C3040**
Revision: **D**
Date: **April 20, 2010**
Title: **APL SOLID ITEMS TEST REPORTS**
QUANTITY: ONE (1) COPY

TEST REPORTS MEETING THE FOLLOWING REQUIREMENTS SHALL BE SUBMITTED FOR MATERIAL BEING SUBMITTED ON THIS ORDER.

AN ANALYSIS SHALL BE SUBMITTED FOR EACH ITEM SUPPLIED ON THIS ORDER TO WHICH THIS NOTE APPLIES. ALTERNATELY, A TEST REPORT PERFORMED WITHIN FOUR YEARS OF PLACEMENT OF THIS ORDER ON MATERIAL PRODUCED TO THE SAME FORMULATION, BY THE SAME PRODUCTION PROCESSES, AND BY USING INGREDIENTS OF THE SAME KIND, NATURE AND QUALITY AS THOSE USED TO PRODUCE THE MATERIAL SUPPLIED TO THIS ORDER MAY BE SUBMITTED.

ANALYSIS REQUIREMENTS FOR SOLID NONMETALLIC MATERIALS. SOLID NONMETALLIC MATERIALS SHALL BE QUANTITATIVELY ANALYZED ONLY FOR MERCURY, WATER LEACHABLE HALOGENS, AND WATER LEACHABLE SULFUR AS IDENTIFIED IN TABLE 1. 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.

EXCEPTIONS:

A. RUBBER GLOVES MAY BE LEACH TESTED AT 150 DEG. F MINIMUM VICE 200 DEG. F MINIMUM.

B. SOLID NONMETALLIC 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.

C. SOLID NON-METALLIC MATERIAL MANUFACTURERS MAY CERTIFY THAT MERCURY AND MERCURY COMPOUNDS HAVE NOT BEEN ADDED TO THE SOLID NON-METALLIC MATERIAL AND HAVE NOT COME IN CONTACT WITH THE SOLID NON-METALLIC MATERIAL DURING PROCESSING, OR MAY CERTIFY THAT THE SOLID NON-METALLIC MATERIAL CONTAINS LESS THAN 10 PPM MERCURY, IN LIEU OF PERFORMING A CHEMICAL ANALYSIS.

TABLE 1 - DETRIMENTAL MATERIAL LIMITS

DETRIMENTAL MATERIAL	LIMIT
MERCURY	10 PPM
BROMIDES	250 PPM (LEACHABLE)

CHLORIDES	250 PPM (LEACHABLE)
FLUORIDES	250 PPM (LEACHABLE)
SULFUR	250 PPM (LEACHABLE)

EXCEPTIONS TO CHEMISTRY LIMITS:

A. RUBBER GLOVES. WATER LEACHABLE CHLORIDE LIMITS OF 500 PPM APPLY FOR RUBBER GLOVES, IN LIEU OF 250 PPM.

B. TAPE. WATER LEACHABLE CHLORIDE AND SULFUR LIMITS OF 500 PPM EACH APPLY FOR TAPE, IN LIEU OF 250 PPM EACH.

ALL TEST REPORTS SUPPLIED IN FULFILLMENT OF THIS ORDER SHALL BE IN THE FORM OF REPORTS ISSUED BY THE ORGANIZATION PERFORMING THE TESTS OR EXACT COPIES THEREOF; DATA TRANSCRIBED TO ANOTHER ORGANIZATION'S FORMS ARE NOT ACCEPTABLE. TEST REPORT COPIES SHALL BE CLEAR, LEGIBLE, AND OF FIRST-RATE QUALITY.