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COMMERCIAL ITEM DESCRIPTION

GRAIN, ABRASIVE (SOFT BLASTING)

The General Services Administration has authorized the use of this commercial item description in preference to Military Specification MIL-G-5634.

This commercial item description covers soft abrasive grains to be used as abrasive blasting material for the removal of carbon from metallic surfaces.

Salient characteristics:

Shall be of the following types, as specified:

Type I - Apricot pit shell turbojet approved grain (for use on aircraft jet engines and general use).
Type II - Black walnut shell (for general purpose use).
Type III - Rice hull.

Shall have the particle size distribution as shown in table I:

TABLE I.

U.S. standard screen size	Types I and II, percent retained Minimum	Maximum	Type III, percent retained Minimum	Maximum
10	---	0.0	---	---
12	---	5.0	---	0.0
16	---	---	---	---
20	90.0	---	14.0	---
30	---	5.0	---	---
40	---	---	65.0	---
80	---	---	---	18.0
100	---	1.0	---	---

Specific gravity of types I and II shall be from 1.20 to 1.40; specific gravity of type III shall be from 1.10 to 1.55.
Water content shall not exceed 10 percent by weight.
The toluene soluble content shall not exceed 1.5 percent by weight.

Workmanship. The product shall be free (in excess of 0.01 percent by weight) from contaminating foreign matter which could affect the safety of its use on metallic surfaces. Decayed or moldy material shall not be used.

Certification. The contractor shall certify that the product offered meets the salient characteristics of this description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices and is the same product sold in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Regulatory requirements. The manufacturer shall utilize recovered materials to the maximum extent practicable.

Packaging, packing, and marking. The items shall be packaged in accordance with normal commercial practice and packed to assure acceptance by common carrier and provide product protection against loss and damage during multiple shipments, handling, and storage. The shipping container shall be in compliance with National Motor Freight Classification and Uniform Freight Classification. Shipping containers shall be marked as specified in the contract or order.

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MILITARY INTERESTS:

Custodians:

Army - MR
Air Force - 99

Review activities:

Army - ME, AR
Navy - SH

User activity:

Navy - MC

Military coordinating activity:

Air Force - 99

Preparing activity:

GSA - FSS