

4-4-714
 April 13, 1956

COMMERCIAL ITEM DESCRIPTION

LINSEED OIL, ALKALI REFINED

The General Services Administration has authorized the use of this commercial item description in lieu of Federal Specification PI-L-1155.

This commercial item description covers an alkali refined linseed oil to be used as an ingredient in paints, varnishes and related products. The oil shall be free from traces of soap and vegetable waxes, and conform to the following:

Salient characteristics:

Constituents	Requirements		ASTM Reference
	Minimum	Maximum	
Acid value	-	0.30	D 1639
Saponification value	189.0	195.0	D 1962
Iodine value (Wijs)	177.0	-	D 1959
Unsaponifiable matter, percent	-	1.50	D 1965
Specific gravity, 15/25° C	0.926	0.931	D 1963
Color (Gardner)	-	6	D 1544
Break	-	0.02	D 1952
Loss on heating (105 to 110° C), percent	-	0.3	D 1960
Color after heating (Gardner)	-	6	D 1967

The issue of the ASTM test method in effect on the date of the solicitation shall be used to determine compliance with the stated requirements.

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 offered for sale 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.

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

Packaging, packing, and marking. The packaging and packing shall be in accordance with normal commercial practice and shall 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 the National Motor Freight Classification and Uniform Freight Classification. Marking shall be as specified in the contract or order.

ASTM standards are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.