

Class 2700

Fatty oils, polymerized or made viscous, with or without volatile diluents by:

- a. Oxidation
- b. Vulcanization, e.g., S or S₂C₁₂
- c. Soap formation in quantities too minor to be covered by
class 8 and 9, including "boiled", drier treated oils.
- d. Any other treatment not covered in class 25.

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Number	Prev. Number	Material	G.H. Viscosity
(2701)	(13)	Linseed Oil, Boiled	B
(2702)	(798)	Non-Break Linseed Oil	C
(2735)	(2351)	Soya Bean Oil, Blown	Z ₂
(2748)	(2287)	Limed Oil	S
(2749)	(1634)	Castor Oil Blown	275"
(2751)	(2395)	Blown Soya	G
(2752)	(2387)	Blown Sardine Oil	R
(2754)	(213)	Blown Linseed Oil	Z ₃ -Z ₄
(27A1)		Var Soy Z ₃	Z ₃ -Z ₄
(27A5)		Bodied Linseed Oil	69"
(27A8)		Litharge Treated Oil from Tung & Bodied Linseed	F ₇
(27A19)	(27A7)	Bodied Linseed Oil Solution	P-Q
(27C4)		Blown Soya	G
(27C7)		Treated Tung-Linseed Liquid	X
(27C8)		Bodied Linseed Oil Solution	T
(27D4)		Blown Castor (A.D.M. 100 Oil)	-
(27D5)		Tall Soya Limed	-
(27F6)		(Falk CCC Pale Oil)	Z ₃
(27L3)		Blown Castor Oil	236"
(27L5)		Linseed Oil (Linogel 215)	Z ₅ -Z ₆
(27L4)	LW(147)	Puffing Agent	W
(27M1)		Modified Soya Oil (Drysoy)	I
(27M4)		Modified Soybean Oil (Ardoly)	Y
(27T1)		Blown Fish Oil	75"
(27Y3)		Lacquer Oil (A.D.M. 150)	Z
(27Y4)		Soybean Oil (Archer 250)	Y-Z

0007-PMC-000000226

Z NVM	Type Solvent	Acid Value	G. H. Color	Sp. Gr. @ 75°F	Wt./Gal.	Number
100	-	5	13	.930	7.76	(2701)
100	-	3.5	10	.943	7.86	(2702)
100	-	8	10	.984	8.17	(2735)
30	6 (151) 64 (145)	30	7	.836	6.96	(2748)
100	-	15	14	1.012	8.4	(2749)
84	(414)	6	5 max.	.945	7.87	(2751)
68	(145)	7	17 max.	.923	7.69	(2752)
100	-	4	14	.988	8.23	(2754)
100	-	8	6 max.	.964	8.02	(27A1)
100	-	9	9 max.	.960	8.00	(27A5)
49	(145)	3.8	10-11	.857	7.16	(27A8)
70	(145)	6.3	10	.903	7.52	(27A19)
84	(414)	6	12	.950	7.91	(27C4)
70	(145)	8	12 max.	.908	7.56	(27C7)
70	(151)	-	10	.905	7.54	(27C8)
-	-	-	-	-	8.19	(27D4)
-	-	-	-	-	-	(27D5)
40	-	2 max.	Pale Yellow	-	7.0	(27F6)
-	-	21	9	1.025	8.5	(27L3)
85	-	3-6	11 max.	.960	8.00	(27L5)
-	-	Neutral	6-9	.882	7.35	(27L4)
100	-	7	6	.949	7.39	(27M1)
-	-	7	7 max.	.952	7.93	(27M4)
72	(145)	60	18	.939	7.82	(27T1)
85	Alcohol	16 max.	6	.984	8.17	(27Y3)
85	-	13	5	.968	8.07	(27Y4)

Remarks

Blown Soya:

(27 C 4) & (2751) are essentially the same product. (27 C 4) is dark colored (2751) caused by very slight variations in the oil, or the process, beyond the control of the operator. They are reduced with butanol and are used as lacquer plasticizers.

(27 Y 3) & (27 Y 4) are used as emergency substitutes for (2751) by Oakland.

Blown Linseed:

(2754) is a general purpose blown linseed having rather wide spread use in paints and the like. (27 D 4) is a special blown linseed for use in lacquer.

Blown Castor:

(2749) & (27 L 3) are both used in lacquers. (2749) is more viscous & darker in color.

Blown Fish Oil:

(2752) is used for paint and general use. It is recommended that formulators use (2752) wherever a blown fish oil is indicated. It is reduced to a low viscosity making it easier to handle compared to the other blown fish oils.

Boiled Linseed Oil:

(2701) is a boiled linseed oil with the driers cooked in.

Linseed Oil:

(27 F 6) is a tall soya linseed oil. (2748) is a linseed oil containing 60% linseed, 25% soya and 15% (140). This oil has the largest consumption. These are for general use. (27 A 5) is bodied and bleached with SO₂ and approximately 1/2% 1802 dry.

Miscellaneous:

(27 A 1) is a varsoy. It is a maleic ester of soybean oil of high viscosity and is useful as a heavy bodied oil for blending or varnish oils in the absence of lime.

(27 C 7) is a heavy bodied treated tung linseed oil which is being used in SWP undercoater. Another use is to increase gloss in trailer varnishes.

(2702) is used for a cheap dark colored substitute for (44) where cost (but not color) is important.