

Class 3200

Monomeric Resins, Spirit Soluble (excluding Rosin) and Gums

- 3200 - 3209 Manila resins, Macassar.
- 3210 - 3219 Manila resins, Philippine and miscellaneous origins;
Pontianak and Boea.
- 3220 - 3229 Shellac, orange and semi-refined.
- 3230 - 3239 Shellac, white, refined.
- 3240 - 3249 Miscellaneous alcohol soluble, including Accroides,
Sandarac, Elemi, Mastic.
- 3250 - 3259 Open.
- 3260 - 3269 Water soluble or dispersible natural gums including
Arabic, Karaya, Tragacanth.
- 3270 - 3279 Gums, glucose, related, including straches, dextrin,
British gum.
- 3280 - 3299 Open.

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Number	Prev. Number	Material Name	Melting Point
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Dextrine

32A3	BBW208	Powdered Sugar	
32F4		Gum Guar (Water soluble Polysaccharide)	

Dextrine Solution

(32C2)	(407)	Dextrine Solution	
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Manila Gums

32L1	2087	Manila Gum Loba Dust	
32N5		#6 Pale Philippine Manila Copal Chips	
32Y1	32-0-1	Manila Gum (Philippine) White Chips	267°F

Arabic Gum

32C10		Arabic Gum U.SP Powder	
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Manila Solutions

(32C3)	CV1006	Ammonia Sol'n. Manila Gum	
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Yacca Gum

32L40	3240	Yacca Gum	
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Shellac

3210	82	Shellac, Orange	
32F3		M.L. Spécial Garnet Shellac Flakes	

Shellac Solutions

(32C1)	CW2811G	Shellac Sol'n. - White dewaxed 8# cut	
(32C4)	CW2520	Shellac Sol'n. - White, French 4# cut	

Tragacanth

32C7	1442	Tragacanth Gum	
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0007-PMC-000000240

% NVM	Color	pH	Wt./gal. @ 75°F	Viscosity	Number
100					32A3
100		6-7		F-G in sol'n.	32F4

10.5 dark hazy 8.64 (32C2)

A.V.	Color	Insol. Matter	Wt./gal. @ 75°F	Viscosity	Number
110-131			11.2		32L1
	11	eq. std.		eq. std.	32N5
					32Y1

32C10

% NVM	Color	pH	Wt./gal. @ 75°F	Viscosity	Number
12	9-10	9-10	8.44		(32C3)

32L40

% NVM	Color	Visc.	Insol. in Butyl Alc.	Rosin	Max. Ash	Max. Moisture	Number
100	14 max.		3%	0.0%	1.0%	2.0%	3210
100	14 max.		3%	0.0%	1.0%	2.0%	32F3

% NVM	Color	Wt./gal. @ 75°F	Dry	Number
50.9	10-11	8.2		(32C1)
37.0		7.71		(32C4)

Color	Viscosity 1% Sol. in water "A" Tube - 20°C	Insol. Matter	Odor	Number
off white	18-23 seconds	none	char.	32C7

Remarks

- 3200 - 3219 Manila gum is used in an alcohol solution as a clear water resistance label varnish. As an ammonia solution in water it is used in floor waxes to give added gloss and impart non-slip to the film and to cut costs.
- 3220 - 3239 Shellac is used in an alcohol solution as a primer and sealer for wood, laying on the surface and providing good sanding properties. It is also used along with Pontianak as a sealer of oil and grease on floors of box cars and in some nitrocellulose formulas as a hardener.
- 3240-3249 Many of the softer miscellaneous resins are used as glues, dopes, cements, etc., where their stickiness and water resistance are of value.
- 3260 - 3269 Water soluble gums are used as bodying agents for water, and for water soluble glues and pastes.
- 3270 - 3279 Gums, starch, glucose, etc. are used as a bodying agent for water, and for water removable film formers.