



PRODUCT SPECIFICATIONS

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a **Cargill** company



Product Name: Florabeads® Jojoba 28/60 Standard Colors
Botanical Origin: *Simmondsia chinensis*
Description: Hard microspheres
Particle Size (approximate): 250 - 600 microns
Product Code: Product codes by color, see below

<u>Specification</u>	<u>Method</u>	<u>Units</u>	<u>Range</u>	
			<u>Min</u>	<u>Max</u>
Odor	TW71			Typical
Absence of Microbial Contamination	TW26	CFU/g	0	100
Melting Point	TW13	°C	66	71
Particle Size Distribution	TW17	wt. %		
> 20 mesh (850 μ)			0	1
> 30 mesh (600 μ)			0	10
> 60 mesh (250 μ)			85	100
< 60 mesh (250 μ)			0	10

Composition by INCI Name

Jojoba Esters
 Pigment - see below for specific composition based on color

Approx. Wt. % *

Remainder
 See below

<u>Color</u>	<u>Product Code</u>	<u>Pigment (INCI Name)</u>
Arizona Sky	B1N049	Titanium Dioxide (0.1-0.5%), Blue 1 Lake (0.05-0.5%), Yellow 5 Lake (0.01-0.1%)
Brick Red	B1N076	Iron Oxides (1-2%)
Burnt Orange	B1N068	Iron Oxides (0.1-1%), Red 30 (and) Talc (0.1-1%)
Cafe Ole	B1A034	Iron Oxides (0.1-1%)
Desert Rose	B1N023	Red 30 (and) Talc (0.01-0.5%), Ferric Ferrocyanide (0.01-0.3%)
Evergreen	B1N066	Chromium Oxide Greens (1-3%)
Gypsy Rose	B1A021	Red 30 (and) Talc (1-4%)
Iron Blue	B1A048	Ferric Ferrocyanide (0.5-2%)
Jade	B1A031	Chromium Hydroxide Green (1-4%)
Jasmine	B1N055	Ultramarines (0.1-2%), Red 30 (and) Talc (0.1-1%)
Lapis	B1A011	Ultramarines (1-4%)
Maize	B1N064	Iron Oxides (0.1-1%)
Merlot	B1N081	Red 30 (and) Talc (0.1-2%), Ferric Ferrocyanide (0.01-0.5%)
Oasis Verde	B1N030	Chromium Hydroxide Green (0.1-0.5%), Yellow 5 Lake (0.01-0.5%), Ferric Ferrocyanide (0.001-0.01%)
Onyx	B1A051	Iron Oxides (1-2%)
Sapphire	B1N078	Ferric Ferrocyanide (0.1-1%)
Sonora Sand	B1A043	Titanium Dioxide (0.1-0.5%), Yellow 5 Lake (0.1-0.5%), Iron Oxides (0.01-0.1%), Red 30 (and) Talc (0.01-0.1%)
Sunburst Orange	B1N045	Red 30 (and) Talc (0.1-1%), Yellow 5 Lake (0.1-1%)
Tequila Sunrise	B1A026	Red 30 (and) Talc (0.1-1%), Iron Oxides (0.01-0.5%), Yellow 5 Lake (0.001-0.1%)
Topaz	B1A041	Yellow 5 Lake (0.1-1%)
White (Natural)	B1A005	None

* Pigment loading (approx. wt. %) may vary slightly to maintain consistent color.

Some pigments may be unstable in low pH solutions or when exposed to concentrated chemicals such as acids, alkali, and surfactants. Floratech recommends that all formulas are tested for color stability.

Shelf Life/Retest Interval: 1 year

Specification properties are verified on every product lot.
 Product samples are exempt from warranties.

Revised Date: August 2021

Revision Level: c

TW Method: Floratech Methods

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