Purcell Jojoba
International

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Specification Sheet

PNJ Jojoba Beads 20/40

PNJ Jojoba Beads are micro spheres made with Pure Natural Jojoba (PNJ) esters. PNJ Jojoba Beads 20/40 have a particle size range of 425 microns to 850 microns (#40 to #20 USA Standard Testing Sieve). They are available in standard as well as custom colors.

INCI Name: Jojoba Esters
Botanical Origin: Simmondsia Chinensis (Jojoba) Seed Oil

CAS No.: 61789-91-1
EINECS No.: 296-292-4
JCIC No.: 520591

Specifications at time of packaging:

Property	Specification Range	Method
Appearance:	Free flowing microspheres	Visual
Color:	Blue, Red, Green, Yellow, and Custom colors	Visual
Melting Point:	67 – 71 °C	Capillary slip point
Microbial Contamination (CFU/g)	0-100	TW26

Particle Size, (USA Standard Testing Sieve, ASTME-11 Spec.):

Retained on #20 sieve (850 microns): 10% max. by weight
Retained on #40 sieve (425 microns): 85% min. by weight
Pass through #40 sieve (425 microns): 10% max. by weight

Additives:

Pigment	%	CAS#	CI#	Pigment	%	CAS#	CI#
Red #30	1-3%	2379-74-0	73360	Iron oxide red	.1-3%	1309-37-1	77491
Yellow #5 Alum Lake	1-3%	12225-21-7	19140:1	Iron oxide yellow	.1-2%	51274-00-1	77492
Hydr chrom.Oxide	1-3%	12001-99-9	77289	Iron oxide black	1-3%	1309-37-1	77499
Blue #1 Alum. Lake	.5-3%	68921-42-6	42090:2	Ultramarine Blue	.5-3%	1317-97-1	77007
Chromium oxide-green	1-3%	1308-38-9	77288	Ferric ammonium Ferro cyanide	1-3%	25869-00-5	77510

Shelf Life: 2 years from date of shipping when kept in original unopened container and stored at or below 35°C.

Storage: Store in cool dry place. Protect from direct sunlight.

Recommended Use: PNJ Jojoba Beads may be used in formulation from 1% to 15% depending on desired visual effect and aggressiveness of exfoliation. PNJ Jojoba Beads are ideal for bath and body gels, scrubs, and polishes. They are 100% biodegradable. NOTE: Some colors may be unstable in low pH solutions or when exposed to concentrated chemicals such as acids, alkali, and surfactants. We strongly recommend bench testing for color stability with your formula.

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