



TECHNICAL DATA SHEET

NATURAL SPECTRABEADS

NATUREBLUE 20RS, NATUREGREEN 20RS and NATURERED 20RS are permanently colored spherical powders which utilize "natural waxes". These naturally derived products have been designed for use as exfoliating agents which are non-irritating to the skin surface. The spherical particle shape allows the product to gently roll across the skin. The Natural Spectrabeads will provide your product with a unique visual effect.

PROPERTIES	TEST METHOD	NATUREBLUE 20RS	NATUREGREEN 20RS	NATURERED 20RS
Composition (INCI Name)	IR	Rice Bran Wax Blue 1 Lake	Rice Bran Wax Chromium Hydroxide Green	Rice Bran Wax FD&C Red #40 Al Lake
CAS No(s).		8016-60-2 15792-67-3	8016-60-2 12001-99-9	8016-60-2 25956-17-6
Appearance	Visual	Blue Powder	Green Powder	Red Powder
Odor		Wax-Like Odor	Wax-Like Odor	Wax-Like Odor
Melting Point°F (DSC)	ASTM D 4591	158-171	158-171	158-171
Melting Point°C (DSC)	ASTM D 4591	70-77	70-77	70-77
Density @25°C (g/cc)	ASTM D 792	0.99	0.99	0.99
Particle Size Analysis	ASTM E 11			
Mesh Size - Maximum		20	20	20
Maximum Particle Size (microns)		840	840	840
REGULATORY INFORMATION				
EINECS No(s).		232-409-7 272-939-6	232-409-7 215-160-9	232-409-7 247-368-0
TSCA Registered				
Heavy Metals: Pb < 0.6 ppm As < 1.0 ppm			Conforms to CONEG Regulations	

Applications: Exfoliating scrub soaps, foot scrubs, exfoliating face scrubs, body scrubs, creams, liquids, gels and lotions.

Rev. 7/07