



Product Data Sheet: **REDispheres™ G**

REDispheres™ G are fine, white colored, amorphous, hollow sphere powders easily mixed with cement and additives in dry state or readily suspended in a cement slurry. The low density and high strength ratios along with very good batching compatibility allows for a high efficiency and low mixing costs, ultimately providing higher cement quality and strengths even under High-Temp/High-Pressure (down-well) environments.

REDispheres™ G lower the risk of unexpected fracture formations, contamination and gas channeling in cemented wells providing longer cement life and well integrity.

Applications: Oil well cementing; low density mortars/concretes; desirable in decorative concrete requiring white coloration.

Packing: Bulk super-sack, bagged in boxes; other packaging options are available on request.

Storage: Dry storage. Avoid contact with moisture. Maintain seal.

Safety: **REDispheres™ G** is an amorphous material. Material Safety Data Sheet available on request.

Environmental: Lower your Global Warming Potential (1 ton cement replaced = 1 ton CO₂ removed.) Complies with ISO 14001:2004, OHSAS 18001:2007, and R2:2013. EPD forthcoming.

GRADES	True Density	Floaters	Particle Size	Strength	U-Value	Packing	
	g/cm3	% min	D50/D90 (µm max)	psi ¹	W/m.k	KG/super-sack	KG/box
G18	0.18-0.19	90	50/65	400	0.030	120	20
G20	0.19-0.21	90	45/65	450	0.032	120	22
G22	0.21-0.23	90	40/60	500	0.034	150	25
G25	0.24-0.26	90	35/60	700	0.038	160	20
G32	0.31-0.34	90	35/55	2,000	0.047	200	25
G40	0.38-0.42	90	30/50	4,000	0.048	250	30
G46	0.44-0.48	90	28/50	6,000	N/A	300	N/A
G55	0.52-0.55	90	25/45	8,000	N/A	350	N/A
G60	0.58-0.62	90	22/40	10,000	N/A	400	N/A

These values describe a mean range and do not represent a specification.

¹ Vol loss max of 10% (8% typical.)

Serving Refractory, Mineral Processing and Construction Materials Industries

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