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Technical Data Sheet: Solid Ceramic Microspheres- Ecosphere

At Orient Microsphere and Packaging, Nagpur, we're redefining Solid Ceramics Microspheres as Ecosphere. We have harnessed the power of waste materials from thermal power plants to create advanced micro-ceramic materials. These Ecospheres are your solution for cutting-edge technology in construction industries, paint and coating, plastics, etc.

Specification	Ecosphere
Physical Properties:	
Average Particle Size (Micron)	25-35
325 Mesh Residue (%)	2% max
Specific Gravity (g/cc)	2.25 to 2.35 g/cc
Bulk Density (g/cc)	0.8 to 1 g/cc
Appearance	light grey to grey
Moisture (% by wt)	1-2% max
pH	7 to 8
Hardness Mohs Scale	5 to 6
Crushing Strength (psi)	3000-4500
Loss of Ignition (%)	2% max
Oil Absorption (g oil/100 g)	16-25
Chemical Compositions:	
SiO ₂	50 - 60
Al ₂ O ₃	25 - 35
Fe ₂ O ₃	2-8%
Alkalis	2% max
Packaging	
Standard	HDPE jumbo bags with 100% dust-proof
Custom	As per Buyer's request

**Additional grades- Per customer requirement*