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APPLICATIONS

- Cenospheres are 30-85% lighter than most minerals that are commonly used as fillers. Density ranges from 0.40-0.95.
- Inertness permits cenospheres to be used in a wide variety of formulations.
- A strong outer shell is stronger than man-made glass spheres.
- Reduced shrinkage can be achieved.
- Spheres have the lowest surface area to volume. High loading is possible. Less viscosity can be produced.
- Flow characteristics can be improved in most applications.
- Thermal and insulation properties can be created or enhanced.
- Cenospheres remain stable beyond 1000°C.
- Cost Effective

CONSTRUCTION

Paints, coatings, mortars, adhesives, spackle, putty, cements, stucco, roofing materials, acoustic panels, tile backer boards, Exterior Insulation Finishing Systems (EIFS) Gunite, shotcrete, flooring, fire protection, decorative moldings, sheet molding compounds, synthetic wood.

PLASTICS

Low Density Polyethylene, Polypropylene, PVC, nylon, molding, mold making.

AUTOMOTIVE

Undercoatings, brake pads and linings, sealants, plastics, soundproofing, body fillers and putties, composites.

CERAMICS

Ceramic tiles, firebricks, coatings, refractories, castings, insulating materials, adhesives.

RECREATION

Flotation, Bowling Balls, Surf Boards, Kayaks, Golf Equipment, Marine putty and patching compounds,

ENERGY

Oil well cements, drilling formulations

TECHNOLOGY

Industrial coatings, explosives, aerospace composites and coatings, thermal coatings.