

Phenolic Micro Ballons

Hollow Micro spheres

Description

Brown light hollow phenolic micro spheres are easier to mix with resin than Whitecell, do not fly.

Structural applications : syntactic foam

Finish applications: Mastic, light finishing fairing compound, pin holes filling. Creamy , homogene consistency , the putty is easy to smooth and sand.

To avoid water absorption, keep the original container or bag closed.

Physical properties

Aspect:	Powder
Nature:	Phenolic resin : phenol polymer/ Formaldehyde
Cas number:	9003-35-4
Colour:	Brownish red / Rust
Form:	Hollow micro spheres
Diameter of particles:	Approx. 90 microns
Humidity:	Inferior at 4 % by weight
Density (liquid)	210 at 250 g / litre (measured by displacement of liquid)
Odour:	no odour
Compressive strength:	3.4 MPa - 34 Bars - 500 Psi
Abrasion Resistance:	Low, ease of sanding of the filled resins
Fire resistance:	Excellent. Carbonise at 1000°C
Compatibility with resins:	Epoxy, polyurethane, polyester, phenolic, methacrylates.

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