

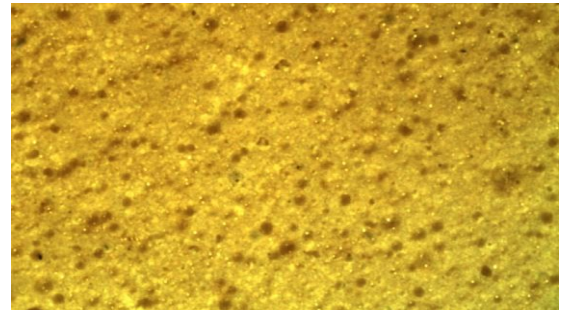


Phenolic Syntactic Composite Foam Products

Associated Polymer Labs launches syntactic foam products. During the past 10 years APL has provided the foam industry with innovative test technology, patented processes for triblend and polypropylene foam, recycled plastic for foams and interlocking foam floor underlayment.

Working with Hyatt Ball Company, a world leader in phenolic resins, together created phenolic composites and syntactic foam products.

The phenolic syntactic foam is a buoyant material made from small hollow spheres embedded in the plastic. Applications include fire proof panels, ball valves, Oil/Gas downhole balls, flotation devices, buoys, submersibles, aircraft, aerospace, acoustic damping and insulation panels.



20X Magnification Syntactic Foam

The phenolic syntactic foam is manufactured in batches, up to 100 gallons, cast into molds and thermo cured. The foam is cast using a technique to offgas while curing. Many custom sizes are available and various densities can be manufactured. Panels, sheets, blocks, balls and rods can easily be machined into custom parts.



Phenolic Syntactic Foams possess superior fire resistance combined with low toxicity smoke that makes them ideal candidates for applications such as cores for fire doors. Various densities make the composite foam buoyant and light weight. The rigidity of phenolic composite foams is ideal when low creep is required compared to epoxy syntactic foams.

Phenolic Composite Syntactic Foams provides strength, thermal insulation, acoustic properties and energy absorption.

Corporate Office: 518-792-1849

sales@testplastic.com

www.testplastic.com