Firepel® K133 Series
Polyester Resin for Filled Fire Retardant Applications

Firepel K133 series resins are specifically designed to be blended with alumina trihydrate (ATH) to provide fire retardant properties. Firepel K133-ATT-00 is thixotropic to keep the ATH in suspension longer. ATH is needed to provide fire retardant properties.

Flammability of composite parts is dependent on the geometry of the part, degree of cure, reinforcement content, types of reinforcement, etc. It is the end user’s responsibility to ensure that finished parts meet the required specifications. Published flammability properties should be used for comparison purposes only.

BENEFITS
Fire Resistance
Laminates made with Firepel K133 series have passed the UL 94-HB, UL 94-5V and UL 94-V-0 test requirements. Laminates were made with a blend of 40/60 resin/ATH and 2 plies of 1.5 oz/450 grams/m2 chopped strand mat. (The glass content was 22.5%)

Toxicity
Composites made with Firepel K133 series resins have low toxicity values due to the absence of halogens.

Low Cost
Economical Fire Retardant composites can be made with Firepel K133 series resins.

For more information email: info@aoc-resins.com or call: 901-866-319-8827.