



Ultra Light Filler Beads



Spex•Lite® MB 1085 Technical Data Sheet

Product Description

Spex•Lite® MB 1085 is a patented low cost, ultra lightweight FR Modified polymer filler. It is engineered with an **ATH FR coating**. Spex•Lite® MB 1085 provides **substantial cost savings** over ordinary filler materials, allowing decreased formula costs and final product weights, as well as:

- **Ships Non-Hazardous**
- ATH FR Coating
- Reduced Agglomerations
- Reduced VOC (volume replacement filler / extender)
- Decreased Product Density

Applications include a wide range of uses, such as: plastics, coatings, adhesives, compounds, composites, cementitious systems, sealants, spackling materials, joint fillers, emulsion explosives, and more!

Material Properties

Size: Mode: ~70 - 100 microns

Material Form: Free-flowing polymeric microspheres, primarily off-white in color

Bulk Density (avg.): 0.9 - 1.4 pcf

Avg: ~0.018 g/cc

Shell: Proprietary Acrylonitrile Copolymer

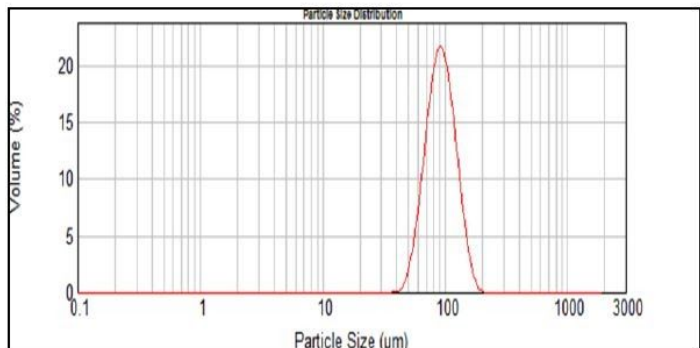
Coating: ATH (Alumina Trihydrate)

Heat Resistance: 175°C / 350°F

(time dependent)

Chemical Resistance: Most aliphatic & high esters - excellent

Mode (Peak) 70 - 100 µm



For further information on the above product, or to discuss your specific needs, please call us at (440) 462-1500, or email us at info@spexlite.com.

Warranty: Spex•Lite® warrants that this product, at the time of shipment, conforms to the specifications noted in the sections above. All other information provided herein is to be used as guidance only and there are no warranties relating to the information which extend beyond the description on the face hereof. ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. Spex•Lite® has a sole obligation and the sole and exclusive remedy under this limited warranty shall be the replacement of any defective product if justified by Spex•Lite®. No warranty is given for any technical advice or recommendations provided by Spex•Lite®. Buyer waives all claims under this limited warranty unless it has given written notice and proof of defect to Spex•Lite® within 15 days of delivery.

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