

TECHNICAL DATA SHEET

•dualite® E055

Produced under a patented process, DUALITE® E055 is an ultra-low density polymeric product that has an inert exterior coating. This patented process produces a free-flowing, agglomerate-free material.

DUALITE® Low Density Microspheres have shown utility in a variety of end uses including plastics, coatings and adhesives. DUALITE® can reduce product weight and lower volume costs by extending or displacing more costly resins. DUALITE® can provide these benefits while often maintaining end product properties.

TYPICAL PROPERTIES

Nominal Density

0.055 ± 0.005 g/cc
55 kg/m³
0.46 lbs/gal
3.43 lbs/ft³

Composite Composition

Shell - acrylonitrile copolymer
Coating - calcium carbonate

Chemical Resistance

Most aliphatic & high esters - excellent
Aromatics & low esters - very good
Ketones – fair

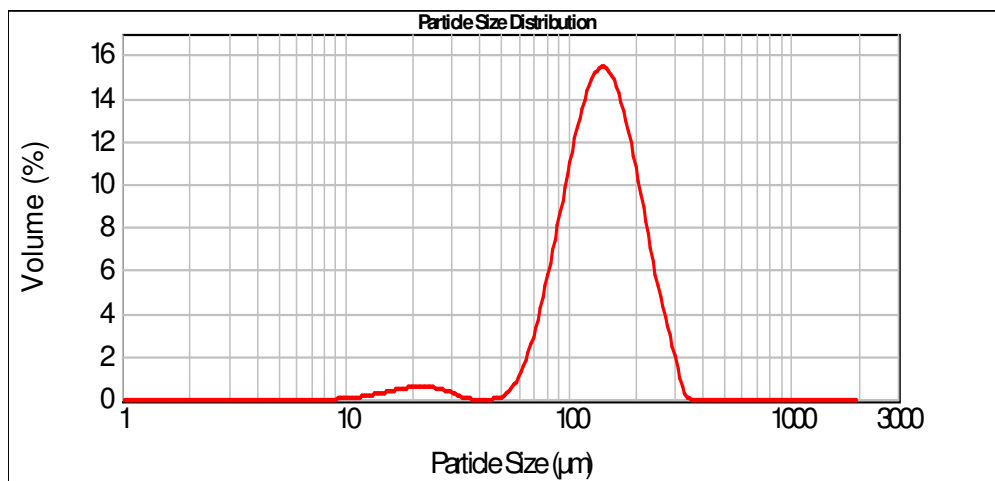
Heat Resistance

325°F (163°C) (time dependent)

Moisture

0.2-2.0%

Mode (Peak) 145-165 µm



Shelf Life: One year from date of manufacture under proper storage conditions. We believe the above information is reliable, however the conditions of application and use of our products is beyond our control. No warranty is expressed or implied regarding the accuracy of this information. This information is supplied with the express condition that our customers will perform their own tests to determine the suitability of this product for their particular use.