



Technical Datasheet Hollow Microspheres Q-Cel® 6019

Product Designation	6019			
Composition	Inorganic sodium silicate borate			
Appearance	Free Flowing White Powder			
Physical Form	Spherical, non-porous.			
Bulk Density	0.11			
Effective Density (Liquid Displacement)	0.19 ± 0.03 g/cc	Test Method: Visual ASTM D2840		
Mean Particle Size (microns)	75	Test Method: Malvern Particle Size Analyser		
Distribution Range (microns):	5 - 175			
Crush Strength (volume loss)	10%	PSI 500	Bar 34	MPa 3.4
Heat Capacity	Kj/Kg. °C	1		
Refractive Index		1.5		
Chemical Resistance	Low alkali leach			

Packaging

Hollow micro-spheres are supplied in a variety of packaging to meet customers' needs. Conditioning can be:

Boxes: 27.22 Kg (60lb)

Large Boxes: 136.08 Kg (300lb)

Bulk Bags: 136.08 Kg (300lb) – 170.10 Kg (375lb) & 290.30 kg (640lb)

Safety Information

When using this product for prolonged periods in dusty environments inhalation may irritate the respiratory tract. NIOSH approved masks or respirators are recommended when handling the product.

Material Safety Data Sheets will be supplied on request.

Storage:

The cartons, bags and boxes used to pack our micro-spheres are designed to protect damage during shipment and handling. Some cautions are given for a proper storage:

- Store micro-spheres containers in dry conditions.
- Partially used containers should be tightly closed, not left open to the atmospheres for extended periods.
- The products are hygroscopic and will tend to agglomerate upon prolonged exposure to moisture and humidity.