

Potters Industries Q-Cel® 7019 Hollow Engineered Glass Microspheres

Category : Ceramic , Glass , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Q-CEL® hollow glass microspheres are alternatives to conventional fillers and additives such as silicas, calcium carbonates, talc, clay, etc. A variety of particle sizes, densities and strengths meet specific functional and end-use application requirements such as reducing density or cost, or improving stiffness or workability. They are compatible with polyesters, epoxies, phenolic resins, urethanes, plastisols, thermoplastics, latex, concrete and other building materials, as well as emulsion- and water-gel explosives. They are available uncoated, or coated with specially-formulated coupling agents (CP01, CP03) to maximize interfacial bonding between the microspheres and the resin matrix. Information provided by Potters Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Potters-Industries-Q-Cel-7019-Hollow-Engineered-Glass-Microspheres.php

Physical Properties	Metric	English	Comments
Bulk Density	0.110 g/cc	0.00398 lb/in ³	
Density	0.190 g/cc	0.00686 lb/in ³	Effective Density as measured by liquid displacement
Particle Size	5.0 - 150 µm	5.0 - 150 µm	
	80 µm	80 µm	Mean

Mechanical Properties	Metric	English	Comments
Compressive Strength	<= 3.45 MPa	<= 500 psi	Isostatic working pressure

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