

## Potters Industries Q-Cel® 6042S

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

### Material Notes:

Performance Benefits: A low-density, performance-enhancing additive. Fewer defects: excellent mold flow, uniform dispersion. Reduced compound density and viscosity. Increased acoustic and thermal insulation. Reduced cost and better handling in flexible compounds. More uniform, closed-cell structure in syntactic compounds. Cost reduction from sandpaper and labor savings for putties. Information provided by Potters Industries.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Potters-Industries-Q-Cel-6042S.php](http://www.lookpolymers.com/polymer_Potters-Industries-Q-Cel-6042S.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.260 g/cc	0.00939 lb/in <sup>3</sup>	
Density	0.420 g/cc	0.0152 lb/in <sup>3</sup>	Effective density of spheres
Particle Size	5.0 - 90 µm	5.0 - 90 µm	range
	50 µm	50 µm	mean value

Mechanical Properties	Metric	English	Comments
Compressive Strength	13.8 MPa	2000 psi	Maximum working pressure

## Contact Songhan Plastic Technology Co.,Ltd.

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