

BCC Products BC 37 Ceramic Microspheres

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

BC 37 are hollow microspheres, which are ceramic in nature. They are an efficient lightweight filler material to be used in applications with most resins. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-BC-37-Ceramic-Microspheres.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.700 - 0.800 g/cc	0.700 - 0.800 g/cc	
Bulk Density	0.400 g/cc	0.0145 lb/in ³	
Particle Size	120 - 130 µm	120 - 130 µm	mean diameter

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	5.0	5.0	
Compressive Strength	18.6 MPa	2700 psi	

Thermal Properties	Metric	English	Comments
Softening Point	1200 °C	2190 °F	

Descriptive Properties	Value	Comments
Appearance	gray powder	
Particle Distribution	10-350 µm	
Shell Description	Silica 58-65%, Alumina 28-33%, Iron Oxide 4%, 10% of diameter	

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