

Geon™ Specialty Suspension CG E 44

Polyvinyl Chloride Homopolymer

Mexichem Specialty Resins, Inc.

Message:

Geon® CG E44 is a homopolymer specialty suspension resin intended for use in lowering the gloss of extruded or plastisol parts. This resin provides low surface gloss and texturing effects for flexible vinyl products, allowing the production of broad range of surface effects without the need for secondary operation process which helps to reduce manufacturing cost. The ability to increase surface roughness provides a reduced surface blocking and allows the ease of handling in stacked or bundled parts.

General Information			
Features	The surface finish is not smooth. Gloss, low		
Uses	Wire and cable applications Insulating material		
Forms	Powder 1		
Processing Method	Slush Molding rotomolding Extrusion Impregnation coating method Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Contamination			Internal method
Dark Particles ¹	1		Internal method
Light Colored Particles ²	5		Internal method
Magnetic Particles ³	0		Internal method
Apparent loose density ⁴	0.370	g/cm ³	Internal method
Particle Size			Internal method
< 105 micron ⁵	16.0	%	Internal method
> 250 micron ⁶	4.00	%	Internal method
Average Particle Size ⁷	150	µm	Internal method
Powder Mix Time ⁸	2.8	min	Internal method
Residual Vinyl Chloride Monomer ⁹		ppm	Internal method
Volatiles ¹⁰	0.060	%	Internal method
polymerization process	Suspension		
Porosity ¹¹	0.570	cm ³ /g	Internal method
Flow time-Conditioned Funnel Flow Time ¹²	34.0	sec	Internal method

Additional Information	Nominal Value	Unit	Test Method
<p>Note:The value set forth represent 'typical' values and Mexichem Specialty Resins, therefore, makes no representation that the material in any particular shipment will conform to the listed properties.Packaging: This resin is shipped in multi-wall paper bags, netweight 50lbs, 2,500lbs per pallet. Information shown on the package includes commercial identification number, lot, and weight.STP 488 (formulation): 100phr Geon® CG E44, 55phr TOTM, and 18phr Filler</p>			

NOTE	
1.	Geon® 1217
2.	Geon® STP 1217Unit: #/100in2
3.	Geon® STP 1217Unit: #/100in2
4.	Geon® STP 1169
5.	Through 105 Micron, Microtrac
6.	Reserved at 250 420 Micron, Microtrac
7.	Geon® 812
8.	Geon® STP 488 (with provided formula)
9.	Geon® STP 1005
10.	Bags, Geon®793
11.	Geon® STP 1094
12.	Geon® 1169

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