



Conductive Plastic/Polymer Additives

Answering the call for conductive additives used in specialty plastics/polymers, Asbury Carbons has various grades which have proven themselves in the industry. Criteria were based on superior electrical properties, enhanced molding characteristics, and overall resin compatibility

Typical Properties

Grade / Type	Size	Surface Area (m ² /gram)	Resistivity (ohm cm)
Natural Flake			
3243	60% -325 mesh	3.0	0.036
230U	20 micrometer	6.5	0.068
5601	9-14 micrometer	7.0	0.066
Micro 850	3-5 micrometer	13.0	0.088
3442	3-4 micrometer	14.0	0.060
S.E.F.G – (Surfaced Enhanced Flake Graphite)			
3806	20 micrometer	22.0	0.053
3775	5-10 micrometer	24.0	0.041
Synthetic			
4012	60 x 325 mesh	1.5	0.030
A60	60% -325 mesh	3.0	0.036
A99	20 micrometer	6.5	0.047
4014	7-11 micrometer	19.0	0.058
Micro 450	3-7 micrometer	17.0	0.070
4934	4-7 micrometer	25.0	0.065
TC 303 High Purity	20 micrometer	6.0	0.050
TC 301 High Purity	8 micrometer	11.0	0.045
S.E.S - (Surface Enhanced Synthetic Graphite)			
4827	1-3 micrometer	257.0	0.261
4847	1-3 micrometer	308.7	0.224
Carbon Fibers			
AGM94 Pan based	1/8" and 150 micrometer	0.93/0.99	0.262
AGM99 Pan based	150 micrometer	1.87	0.123
AGM95 Pitch based	1/8" and 400 micrometer	0.93/0.96	0.417
Carbon Black			
5303	30 nanometers	254.0	0.341

Asbury – Your source for CONDUCTIVE FILLERS for Plastics and Polymer compounding!



ASBURY GRAPHITE MILLS, INC.
405 Old Main Street • PO Box 144 • Asbury, New Jersey 08802
Phone: 908.537.2155 • Fax: 908.537.2908

www.asbury.com