TIMCAL C-NERGY™ SUPER C45 Carbon Black Additive

Category : Carbon , Carbon Black , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Product Characteristics:The total Fe content for our conductive carbon blacks is less than 5 ppm The total Fe content for our graphite is less than 20 ppmC-NERGY grades have very low total metallic impurity content The BET surface area for our conductive carbon blacks is lower than competitionOur graphite has well-defined particle size distribution (PSD)Well-suited for lithium-ion battery processing environment Our conductive carbon blacks have high structure, which can be seen from the high oil absorption number (OAN)Our graphite has high crystallinityLow dosage is sufficient to achieve the percolation threshold Compressibility can be increased with the addition of fine graphite particles having high crystallinity and low spring back Application Benefits: Increased battery safety Lower rejection ratioFully compatible with most electrolyte systems No additional pre-dispersing unit is neededNo dispersing aid is neededVery high loading is possibleCost savings on NMP and faster drying time when C-NERGY SUPER C45 is applied High energy densityImproved power densityCost reduction thanks to lower dosage needed High energy densityImproved power densityImproved “flexibility” of the electrodeInformation provided by TIMCAL

Order this product through the following link:
http://www.lookpolymers.com/polymer_TIMCAL-C-NERGY-SUPER-C45-Carbon-Black-Additive.php

Physical Properties	Metric	English	Comments
Specific Surface Area	62 m²/g	62 m²/g	BET
Ash	0.010 %	0.010 %	

Component Elements Properties	Metric	English	Comments
Iron, Fe	0.0020 %	0.0020 %	

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