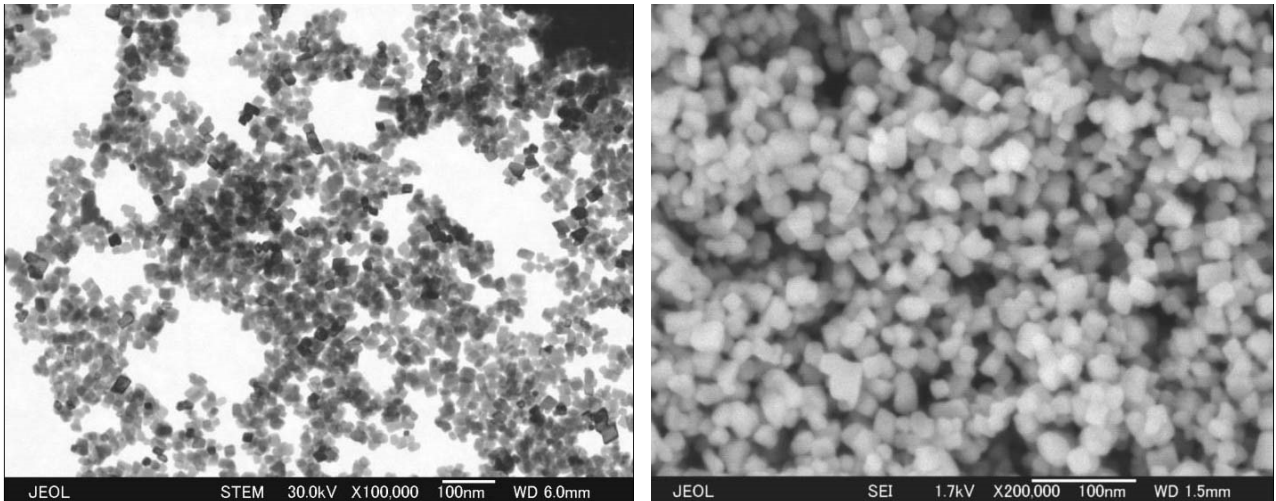


NPCC-201 FOR PLASTIC

TECHNICAL DATA SHEET

Nano calcium carbonate (Nano-precipitated calcium carbonate<NPCC>) is a new type nano-specific activity product special for plastic, rubber. NPCC with small particle size, narrow size distribution, surface area, high chemical activity characteristics, while NPCC with unique 'surface effect,' 'small size effect' and 'quantum effect', plus a large number of filled products can still be given excellent performance, while a delicate touch, smooth dense appearance, good processing performance, reduce costs and increase competitiveness of their products.



TEM PHOTOS

Improve the performance of products: Nano calcium carbonate (NPCC) can improve the rheological properties of plastic products, size stability, and heat aging resistance; really play enhancement, toughening effect, and partially replace expensive titanium dioxide, optical brighteners, silica and other meteorological fillers and additives, which highly reduce the amount of resin, lower production costs, improve market competitiveness. And PE / PP resins have good compatibility, can improve the mobility of products, finishes, and bending strength; lower melt index and viscosity, improving the processing performance.

Applications: NPCC-201 can be widely used in PVC profile, PVC floors, polyethylene (PE), polypropylene (PP), polystyrene (PS), ABS (acrylonitrile - butadiene - styrene) and chlorinated polyethylene (CPE) and other plastics.

Technical data sheet

NPCC-201	Technical data sheet
Appearance	White powder
True density g/cm ³	2.5-2.6
Bulk density g/ml	0.68
Whiteness %	≥95
Average size nm	15-40
Shape	Cubic
Bet m ² /g	≥40
PH	8.0-9.0
Moisture %	≤0.4
CaCO ₃ content (dry base) %	≥94.5
Activation %	≥98
MgO %	≤0.5
DOP g/100g	≤32
Surface Treatment	Yes
Packing	25Kg Complex bag of kraft-plastics



Contact: Mr. Wang Dongkai

Tel: +86 359 3112368

Fax: +86 359 3112369

Mobile: +86-18635923637

Email: nmc001@163.com

MSN: wangdk001@hotmail.com Skype: wangdk001

QQ: 1115696789

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