

## NPCC-602 FOR ADHESIVES AND SEALANT

### TECHNICAL DATA SHEET

Our NPCC-602 for adhesives and sealant is characterized by small and even particle size, big surface area, and low in DOP adsorption and moisture content, etc. It is widely used in PU, adhesive, silicone adhesives, automotive sealant and so on.

Advantages as follows:

1. Low moisture content and close to pH neutral and good in chemical stability, there is no reaction with cure exosy in adhesives.
2. High dosage can be added, hence greatly reduce cost.
3. Reinforcing property mechanical properties (hardness and compression strength), heat transfer, heat resistance, adhesion and corrosion resistance can be increased, contraction rate and expansion coefficient can be lowered, can be increased. In addition, it can lend lubricating property to adhesives and improve process, hence obtain overall improvements.
4. Small particle size and high specific surface area; coating used to treat NPCC-602 has a good compatibility with adhesive; it can function as ,thixotropic agent.
5. NPCC-602 is very easy to be colored and has no negative effect on product color.
6. NPCC-602 shows different modification property in different adhesives.
  - It improves rheology behavior in PVC plastisol;
  - Strength and abrasion resistance are increased in silicone structure adhesive;
  - Reinforcing and heat resistance are better in hot melt adhesive;
  - Water-based adhesive becomes thicker and more sticky

Technical Data Sheet

NPCC-602A	Specs
Appearance	White powder
True density g/cm <sup>3</sup>	2.5-2.6
Bulk density g/ml	0.68
Whiteness %	≥96
Average particle size nm	15-40
Shape	cubic
PH (10gin 90mlwater)	8.5-10.5
Moisture %	≤0.4
CaCO <sub>3</sub> content (dry base) %	≥94.5
Activation %	≥99
MgO %	≤0.5

DOP g/100g	≤27
Coating	Complex treatment agent
packing	25Kg bag

#### Technical Data Sheet

NPCC-602B	Specs
Appearance	White powder
True density g/cm <sup>3</sup>	2.5-2.6
Bulk density g/ml	0.68
Whiteness %	≥96
Average particle size nm	60-100
Shape	cubic
PH (10g in 90ml water)	8.5-10.5
Moisture %	≤0.4
CaCO <sub>3</sub> content (dry base) %	≥96.5
Activation %	≥99
MgO %	≤0.5
DOP g/100g	≤32
Coating	Complex treatment agent
packing	25Kg bag



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