

NPCC-S

Technical Datasheet

Chemical Name	CALCIUM CARBONATE (STEARIC ACID COATED)		
Grade Name	NPCC-S		
CAS No.	471-34-1		
HS Code	28365000		
EINECS No.	207-439-9		
Molecular Formula	CaCO ₃		
Synonyms	<ul style="list-style-type: none"> • Limestone • Calcite 		
TEST	SPECIFICATION	METHOD	
Appearance	White odorless powder	Visual	
Whiteness	Min 94.0	Whiteness Meter	
Loss On Drying %	Max 0.5%	Thermogravimetry	
Oil Absorption (g/100g)	27-32	Spatula Rub-Out	
pH (10% solution)	8.5-10.0	pH meter	
Particle Size D50 Microns	60-100 nm	Particle Size Analyzer (Wet Method)	
% MgO	Max 0.6%	XRF / AAS / ICP	
% Fe	Max 0.05%	AAS	

Product Information:

- NPCC-S is used in several types of plastics as a highly effective impact modifier, rheology control agent and filler.
- NPCC-S improves young's modulus.
- NPCC-S improves finish.
- NPCC-S shortens production cycle.
- NPCC-S improves thermal conductivity,

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: NPCC-S is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: A - General

Part: 73 - Listing of color additives exempt from certification

Subpart: A - Foods

Section: 73.70 - Calcium carbonate

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.