

**newfill**<sup>®</sup>

## Precipitated Barium Sulfate



### Application:

**newfill**<sup>®</sup>-02010, is precipitated barium sulfate with a defined particle size from highly purified solutions of barium salts to sodium sulfate.

Thanks to its chemical production process, **newfill**<sup>®</sup> - 02010 Superfine has all the characteristics of remarkable technological value

(brightness, fineness, oil absorption, dispensability, high PVC, aging resistance, low abrasiveness etc). **newfill**<sup>®</sup>-02010 Superfine is free of impurities such as quartzes etc.

This product can be used in powder coatings, industrial paints, enamels, printing ink and plastically materials, and photosensitive papers, can be used quite successfully in adhesives, coatings and sealants.

Chemical Name:	Precipitated Barium Sulfate (Super fine)
C.A.S. Number:	7727-43-7
Chemical Formula:	BaSO <sub>4</sub>
EINECS Number:	231-784-4
Commercial Name:	NEWFIL
UN Number:	1564

### Specification:

Appearance	White powder	Barium Sulfate (%)	apx.98.6
Mean grain size D50 (μm)	< 1.0	PH Value	apx.9
Sieve residue on 325 Mesh (%)	< 100CP	Total Iron (PPM)	Max.1
Brightness (%)	>98.0	Heavy Metals (PPM)	<2
Moisture (%)	max.0.092	Oil Absorption (g oil/100g)	approx. 14
Refraction Index (Literature)	1.64	Water soluble salts (PPM)	Max.0.2
Water Soluble Sulfates (PPM)	<50	Dispensability	Good
Water Soluble Chlorides (PPM)	<5	Gloss	satisfactory

### Safety:

The products do not contain dangerous substances, nevertheless the product must be used and handled following the usual precautions for all chemical substances consulting the safety data sheet.

### Package:

25 kg paper bags with internal value on pallets of 1.2MT, 24MT/20' container

### shelf life:

One year in dry and well-ventilated condition bellow 30 °C. After one year, Lab test recommended.

### Warehousing & Storage:

The goods should be kept in original package within storage life.