

## Bismuth Subcarbonate Fine

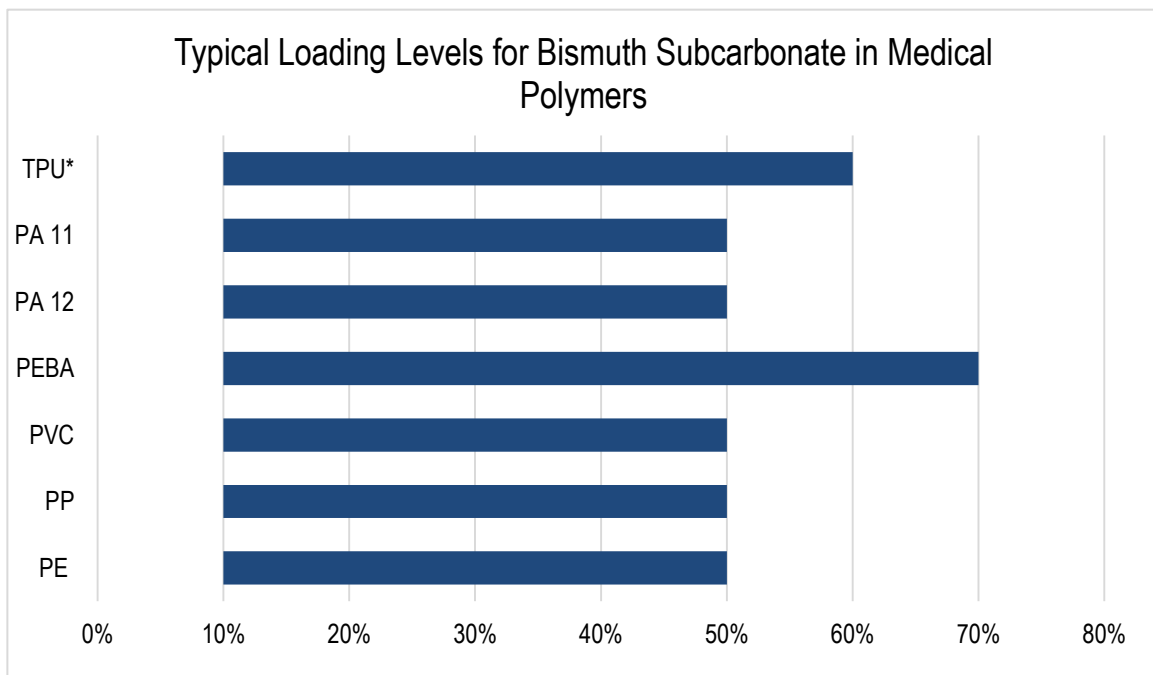
**Manufacturer:** The Shepherd Chemical Company  
**Description:** White, odorless powder: insoluble in water and alcohol; soluble in nitric acid  
**Uses:** Opacifier in X-ray diagnostics; ceramics; enamel fluxes  
**Packaging:** 100 lb—38 gallon fiber drum  
**Chemical Formula:**  $(\text{BiO})_2\text{CO}_3$

### Technical Specifications:

Bismuth (as Bi)	81.0%	min
Loss on Drying	0.5%	max
Chloride	0.005%	max
Sulfate (as SO <sub>4</sub> )	0.005%	max
Copper	0.01%	max
Lead	0.002%	max
Silver	0.0025%	max
Arsenic	0.0005%	max
Iron	0.01%	max
Sodium	0.3%	max
Potassium	0.002%	max
Calcium	0.02%	max
Magnesium	0.008%	max
pH	5.0 – 8.5	
Limit of Nitrate (NO <sub>3</sub> )	1.5%	max



Manufactured under ISO 9001 registered quality management systems.



\*Bismuth subcarbonate is recommended for aromatic polyurethanes only. It is not recommended for aliphatic polyurethanes, fluorinated ethylene propylene (FEP) and polyetheretherketones (PEEK).