



SOAP STONE POWDER

Soapstone (Talc-Type) Mineral Powder · Functional Filler and Extender

PRODUCT DESCRIPTION

Soap Stone Powder is a finely milled soapstone, or talc-type, mineral powder used as a functional filler and extender in resin systems. Fillers of this kind reduce resin consumption and cure shrinkage, add body to a laminating or casting mix, and are soft enough not to abrade mixing and processing equipment. The powder is chemically inert and does not react with the resin system.

KEY FEATURES

- Soapstone / talc-type industrial mineral powder
- Usable as a functional filler and extender across suitable formulations
- Fine powder form, white to off-white
- Supplied as a separate mineral filler, not a resin or reinforcement
- Blends into resin compounds without reacting with the system

RECOMMENDED APPLICATIONS

- Filler and extender in FRP resin mixes
- Body and viscosity modification of casting resins
- Putties, compounds and surfacing pastes
- General industrial filler applications

PRODUCT SPECIFICATION

Product Type	Soapstone (Talc-Type) Mineral Powder
Function	Mineral filler / extender
Physical Form	Fine powder
Appearance	White to off-white

These four rows are as published on the Samrat Poly Resins product page, and are the only published data for this product. Mesh grade, brightness, moisture, oil absorption and bulk density are grade properties established by testing the powder as milled. Samrat has not published them, and none is stated here.

Not published by Samrat Poly Resins for this product and therefore not stated: Mesh grade or particle size distribution, and whether more than one grade is offered; Assay / actual composition of the milled powder; Brightness or whiteness; Moisture content; Oil absorption; Bulk density; Packaging and minimum order quantity.

REFERENCE INFORMATION — PROPERTIES OF TALC AS A MINERAL

Reference information — not a specification of the product Samrat supplies

Mineral	Talc, a hydrated magnesium silicate
Chemical formula	$Mg_3Si_4O_{10}(OH)_2$
CAS number	14807-96-6
Particle habit	Platy / lamellar
Mohs hardness	1 — talc is the reference mineral that defines this point on the scale
Specific gravity	2.7–2.8
Refractive index	1.54–1.59
Composition of pure talc	SiO ₂ 63.4%, MgO 31.9%, H ₂ O 4.8% — calculated from the formula
Chemical behaviour	Inert; insoluble in water and in dilute acids

These are properties of the mineral talc, from standard mineralogical reference data. They are not measurements of the powder Samrat supplies. In particular, the composition shown is calculated from the formula of PURE talc: it is not the assay, purity or mesh size of this product. A milled commercial soapstone contains accessory minerals and will differ. Confirm mesh grade and analysis at the time of enquiry.

SAFETY & HANDLING

Handle with appropriate personal protective equipment and adequate ventilation. **Avoid generating and breathing dust.** Use dust extraction where powder is handled in quantity and wear suitable respiratory protection. Refer to the applicable Safety Data Sheet (SDS) before handling.

Disclaimer: The information above is based on data published by the manufacturer at the time of issue and is believed accurate. Values shown are typical and are not to be interpreted as guaranteed specifications; properties may vary within normal manufacturing tolerances between batches. Users are responsible for determining suitability for their intended application and should confirm current specifications directly with Samrat Poly Resins prior to use.