



SILICA QUARTZ GRITS & POWDER



grits granulometry*:	0.5 – 5 mm
	1.2 – 2.5mm
	2.5 – 4 mm
	2.5 – 8 mm
	1 – 10 mm
	2 – 8 mm
powder particle size range*:	45 - 106 μm
	45 - 75 μm
	~0 – 45 μm
density:	2.65 g/cm ³
molecular weight:	60.1
SiO ₂ :	>99%
Fe ₂ O ₃ :	<0.05%
grain shape:	sub-angular
solubility in water:	negligible
solubility in hydrofluoric acid:	yes

Our high-quality Silica Quartz grits and powder are renowned for their exceptional purity and superior physical properties, making them essential across various industries. In electronics, Silica Quartz is indispensable for epoxy molding compounds in integrated circuit packaging. In the solar energy sector, it is critical for solar panel encapsulation. The chemical industry uses it as a catalyst support material, while the automotive sector relies on it for components. In construction, it enhances high-performance concrete, grouts, and mortars. Silica Quartz is also key in anti-corrosive coatings, industrial paints, advanced ceramics, ceramic glazes, water filtration, air purification, and optics for lenses, fiber optic cladding, and lens coatings. The excellence of our product is evident in the diverse range of sizes we offer, ensuring its adaptability for a broad spectrum of applications. This versatility makes our Silica Quartz a preferred choice for optimal performance and durability.

PACKAGING

50 kg pp bag, 1,100 kg pp bag or according to customer specification.

SHELF-LIFE

Twelve months in original unopened packaging and stored in a dry place at temperatures of 5 ~ 35 °C

The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are only intended for sale to industrial and commercial customers. The customer assumes full responsibility for quality control, testing, and determination of the suitability of products for their intended application or use. All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not Damsila Resources (Pvt) Ltd, is responsible for determining the suitability and compatibility of our products for the final user's intended use.