



Silica Sand

Product Description and Technical Data:

Silica Sand is an economical granular abrasive product. It has many viable applications including use as a water filtration media, as an antiskid compound mix, as a plastering compound mix and also occasionally for water jet blasting.

Due to its low cost, some people use silica sand for abrasive blasting (hence the original term sand blasting). However, use of silica sand for abrasives blasting poses severe and often fatal, long term operator health risks, even with the use of operator safety equipment.

Pan Abrasives does not recommend the use of silica sand for any abrasive blasting applications.

All data provided herein is for information/comparison purposes only.



Silica Sand

TECHNICAL DATA • AVAILABLE SIZES

Silica Sand Abrasive Properties:

Colour	Brown to Off-White	Typical Chemical Composition	
Bulk Density (kg/m ³)	Approx. 1500	SiO ₂ %	> 98
Particle S.G.	2.65	Fe ₂ O ₃ %	Max. 0.08
Hardness (Moh Scale)	5.0 - 6.0	Al ₂ O ₃ %	Max. 0.8

Silica Sand Available Sizes:

Grade	10/20	20/40	20/80	40/80
Microns	850 - 1000	450 - 850	180 - 850	180 - 450

Other sizes available upon request.

Silica Sand Packaging:

50kg Bags	1 Tonne Bulk Bags
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Silica Sand Ordering Information:

Stock Code	AOT-OASSXX-YY
Key	XX - Upper Mesh Size (e.g. XX = 10 for Mesh 10/20) YY - Lower Mesh Size (e.g. YY = 20 for Mesh 10/20)