



TECHNICAL DATASHEET

SILICA CUT FIBERS

Description	Silica cut fibers are produced by leaching glass fibers.		
General Properties	Silica cut fibers are heat resistant to temperature up to 1000o and have excellent dielectric properties at that temperature range. Fibers are resistant to high pressure steam, acids (except HF and H ₃ PO ₄), weak alkalis, liquid metals and alloys (except Na, K, Si), low temperatures and vacuum.		
Physical and mechanical properties			
Property	Unit of measure	KB-11(7.5)	KB-11(9.0)
Composition			
SiO ₂	%	No less than 95.0	No less than 95.0
Al ₂ O ₃	%	No less than 3.5	No less 3.5
Others	%	No more than 1	No more than 1
Diameter	µm	average 7.5	average 9.0
Moisture	%	Less than 5	Less than 5
Ignition loss	%	8 - 11	8 - 11
Length	mm	60± 20 120± 20	60± 20 120± 20
Packaging and storage			
Packaging	Bulk in PE bag in carton box. Net weight up to 305 kg.		
Shipment	Box-on-pallet.		
Transportation	In covered vehicle.		
Shell Storage	In a dry place on racks or pallets at a relative humidity of no more than 80%.		
Warranty	Eight years from the production date.		
Health Safety Requirements	As per SDS.		
Fire safety	Non-combustible.		
Additional	Package might be changed up to the customer request.		