

C-510 – S-2 Glass® Chop



S-2 Glass® chopped strand products are engineered for use in bulk and injections molding compounds for reinforcing both thermoplastic and thermoset systems as well as ceramics in slip casting operations.

General Product Specifications

Product Information

Product	SG 401 1/4"	SG 402 1/2"	SG37 553 5/32"	SG37 544 5/32"	SG75 463 5/32"
Glass Type	S-2 Glass	S-2 Glass	S-2 Glass	S-2 Glass	S-2 Glass
Filament Diameter - microns	9	9	9	9	9
Filament Diameter Tolerance - micron	1.0	1.0	1.0	1.0	1.0
Binder	401	Starch	553	544	463
SOLIDS %	0.8	1.15	0.8	0.90	1.00
SOLIDS Tolerance %	0.5	0.3	0.2	0.20	0.50
Chop Length (mm)	6.35	12.7	4.0	4.0	4.0
Chop Length Tolerance (mm)	1.0	1.0	0.5	1.0	1.0
Max Moisture %	0.10	0.50	0.10	0.10	0.10

Packaging Information

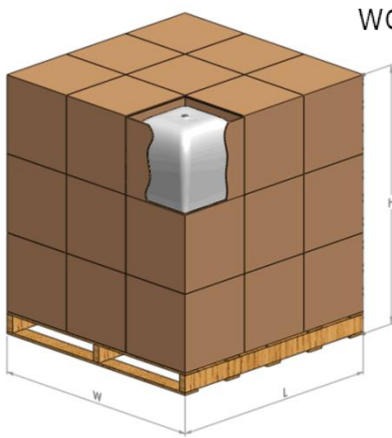
Package Weight - lb (kg)	50 (22.7)	50 (22.7)	2204 (1000)	2204 (1000)	50 (22.7)
Pallet Weight - lb (kg)	1350 (614)	1350 (614)	2204 (1000)	2204 (1000)	1350 (614)

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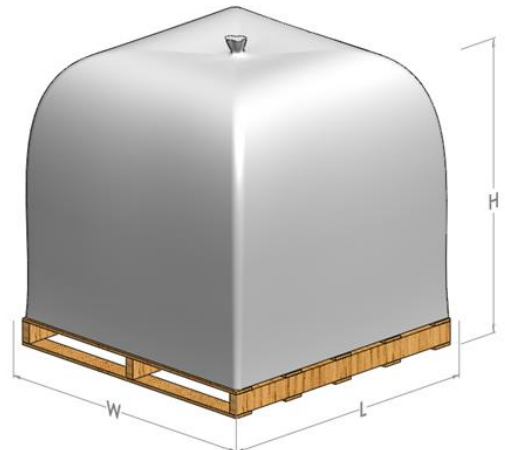
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Nominal Packaging Dimensions

Product	Pallet	Weight / Bag lb (kg)	Bags / Box	Boxes / Layer	Layers / Pallet	Boxes / Pallet	L-in (cm)	W-in (cm)	H-in (cm)	Pallet Weight lbs (kg)
S2 1/4" 401 chop	Wood	50 (22)	1	9	3	27	43.5 (110.5)	43.5 (110.5)	67 (170.2)	1350 (612)
S2 1/2" 402 chop	Wood	50 (22)	1	9	3	27	43.5 (110.5)	43.5 (110.5)	67 (170.2)	1350 (612)
SG37 553 5/32" chop	Wood	2204 (1000)	1	1	1	1	45.5 (115.6)	45.5 (115.6)	53 (134.6)	2204 (1000)
SG37 544 5/32" chop	Wood	2204 (1000)	1	1	1	1	45.5 (115.6)	45.5 (115.6)	53 (134.6)	2204 (1000)
SG75 463 5/32" chop	Wood	50 (22)	1	9	3	27	43.5 (110.5)	43.5 (110.5)	67 (170.2)	1350 (612)



WOOD



Storage, Shelf Life and Handling

Storage and Shelf Life:

AGY recommends storing the materials in accordance with appropriate safety considerations, away from exposure to the elements and at 65-80F (18-27C) and 50-70% humidity. If the materials are stored under these conditions, they are stable, non reactive and will not degrade or exhibit negative characteristics for at least 3 years from the date of manufacture. Unused, unopened product older than this is likely still in good condition, however careful evaluation is recommended. Prior to use, pallets should be placed in the production area and any plastic wrap removed for a minimum of 24 hours to allow the material to acclimate to the processing environment. Special care should be given to pallets being moved from a cold environment into a warm, humid area as condensation may occur and this additional moisture can negatively impact the runability of the material, however, once the material has acclimated, this will no longer be an issue.

For product traceability reasons, the pallet label should be recorded or retained.

Handling:

Fiberglass products process best if temperature and humidity are controlled, primarily because this will help to control the buildup of static electricity, fuzz and fly. AGY recommends that the material be run at 70 +/- 5 degrees F and 60 +/- 5% RH.

Test Methods and Certificates

A copy of test methods and or a certificate of conformity may be issued upon request.

Chop product are chopped to exact specifications, and are free of contaminates such as clumps of fuzz and out of specification long chop. AGY accepts no responsibility for damaged material that shows any signs of physical abuse

For additional product information, refer to PTS M712

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