



Johns Manville

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StarStran™

PA 6 and PA 66 Chopped Strand 582

Product introduction:

StarStran™ chopped strands with 582 sizing are produced by chopping E glass fibers coated with a silane based sizing. Production technology enables to reach the bulk density necessary for feeding the fiber properly into the extruder. StarStran™ chopped strands with 582 sizing are reinforcement for thermoplastics such as PA 6, and PA 66.



Designation:

ISO designation	Glass type	Filament diameter [µm] ISO 1888	Sizing designation	Chopped strand length [mm]
SV EC 10,5 582 4,5	E	10,5	582	4,5
SV EC 13 582 4,5	E	13	582	4,5

Technical data:

ISO designation	LOI content [%] ISO 1887	Sizing	Moisture content max. [%] ISO 3344	Bulk density min. [g/l] PN 04/97
SV EC 10,5 582 4,5	0,40 – 0,80	Silane	0,10	480
SV EC 13 582 4,5	0,40 – 0,80	Silane	0,10	480

Resin compatibility:

Polyamide 6, 66 (Nylon)

Benefits:

- Superior properties for the PA extrusion
- Excellent matrix bonding
- Optimized fiber distribution
- Good processing characteristics



Packaging:

	Packaging type	Pallet dimension [mm]	Weight per pallet [kg]	Bags per pallet	Wrapping
Octobin	PE bag + cardboard box	1140 x 1140	1000	1	–
Big-Bag	Sisal bag	1100 x 1100	1000	1	Shrink-wrap

Others packaging types upon request

Appearance: chopped strands can not contain fuzzy balls, dirty fibers, long fibers (above 50 mm long) nor can they contain non glass fiber parts such as metal, rubber, wood, paper, etc.

Storage:

It is recommended that the glass fiber products are stored in a cool and dry environment. Recommended temperature range of storage is between 10 – 30° C and relative humidity between 50 – 75%. The glass fiber products should remain in the packaging until just prior to use. Pallets should be stacked only one high.

Values:

All data represent typical average values.

Warranty disclaimer:

The physical (or chemical) properties of Johns Manville products represent typical average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check the Johns Manville office to assure current information. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy or other product information, contact your local Sales Representative.



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