



PPG Fiber Glass Europe

Hybon® 6300 for Chopping

Hybon® 6300 offers excellent performance in contact moulding applications. It utilises a high performance dressing which incorporates a silane-coupling agent to promote excellent adhesion to the resin matrix. The dressing is formulated for use with unsaturated polyester resin systems and is suitable for use with all types of spraying equipment. The roving chops well, has a good spray pattern and can be used with a wide range of resin contents. Hybon® 6300 provides effective reinforcement with heavily filled and special resin systems.

Hybon® 6300 uses a strand design to assist in applications where good adhesion to vertical surfaces is requested.

USER BENEFITS:

- Designed to reduce the effects of static electricity.
- Supplied on internal unwinding cheeses of 16 kg.
- Rapid resin impregnation.
- Consistent, reliable chopping performance.
- Approved by Lloyd's Register of Shipping in craft constructed under their survey.





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PRODUCT DESCRIPTION.

Property	Description
Glass Type	E
Filament Diameter	12 micron
Nominal Roving Tex	2400
Type of Dressing	Silane
Nominal Dressing Content	1,3 %
Static	Minimal
Strand Integrity	High
Strand Break-up	Excellent
Spray Pattern	Wide and Uniform
Consolidation	Excellent

PACKAGING.

48 packages/pallet.
Each package in shrink wrap foil.
Package weight 16kg (nominal).
Outside diameter 28cm.
Height 26cm.
Pallets stretched-wrapped.
Hybon® 6300 is available in individual packages and creel pack systems.

PROCESSING RECOMMENDATION.

Periodic calibration of the resin/glass ratio by separately weighing the dry glass and resin is recommended in order to maintain the desired glass content. Roll out should be started as soon as possible after spray up to enhance ease of roll out and reduce chances of air entrapment

STORAGE.

Roving should be stored upright and protected from impact damage since damaged cheeses will not unwind correctly. It is recommended that glass fiber be kept at a temperature not exceeding 25°C and a relative humidity of 65% ± 10%. Pallets should be stacked in accordance with the instructions on the individual packs. A first in first out stock control system is advised to minimise the influence of adverse storage conditions. To avoid problems with humidity or static electricity the roving should be conditioned in the working area prior to use.



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