

# DS 3307-10N

## Advanced Polyester reinforcement



**DS 3307-10N is a chopped strand engineered to reinforce PBT and PET, and also reinforce styrenic resin systems. Its advanced sizing technology delivers excellent mechanical performance, outstanding dispersion, and efficient processing while meeting demanding regulatory requirements for engineering applications. DS 3307-10N is produced with patented Advantex® corrosion resistant E-CR glass.**

- ✓ Designed to reinforce PBT, PET, their blends, and styrenic resin systems.
- ✓ Fine 10 µm filament diameter maximizes mechanical performance while supporting flame-retardant and hydrolysis-resistant (HR) formulations.
- ✓ APE-free, PFA-free, and BPA-free formulation complies with stringent regulatory requirements.
- ✓ Pelletized format provides excellent dispersion, superior feeding behaviour, and very low fuzz generation for improved processing efficiency.

### CHOPPED STRAND FOR POLYESTER REINFORCEMENT

#### Product Benefits

-  **Broad Resin Compatibility**  
Optimized for PBT, PET, styrenics, and their blends, including flame-retardant and HR formulations.
-  **Cleaner, More Efficient Processing**  
Pelletized format ensures excellent dispersion, superior feeding behaviour, and low fuzz generation for higher productivity.
-  **Maximized Mechanical Performance**  
Fine 10 µm filaments enhance composite mechanical properties for demanding engineering applications.
-  **Designed For Regulatory Compliance**  
APE-free, PFA-free, and BPA-free formulation supports compliance with stringent industry requirements.

#### Application

DS 3307-10N is engineered for extrusion and injection moulding processes, delivering reliable reinforcement for automotive, electrical & electronics, and industrial engineering applications.



## Technical Characteristics

| PRODUCT     | FIBRE DIAMETER (µm) | FIBRE LENGTH (mm) | SOLID CONTENT (%) | MOISTURE CONTENT (%) |
|-------------|---------------------|-------------------|-------------------|----------------------|
| DS 3307-10N | 10                  | 4                 | 0.91              | Max. 0.05            |

## Food & Water Contact Standards

DS 3307-10N complies with FDA (USA).

## Availability & Packaging

Standard packaging consists of a 1,150 kg polypropylene bag with bottom discharge (1 bag per pallet).

## Labeling

Each individual package is labeled with information including: product name, producing plant, and production date.

## Storage

Unless otherwise specified, it is recommended that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10°C and 35°C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after three years from the date of manufacture to help ensure optimum performance.

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