

CARBODILITE HMV-15CA

Hydrolysis Stabilizer for Polyester Resin

General Information:

CARBODILITE HMV-15CA is a Non-toxic, powder type resin stabilizer containing carbodiimide group which helps improve anti-hydrolysis performance for various types of polyester resins drastically. It will improve;

- Anti-hydrolysis performance of resins including ester binding
- Intensity of resins including ester binding

Mechanism:

CARBODILITE HMV-15CA reacts with carboxyl groups, suppressing the acid-catalytic promotions. Furthermore, it cross-links with carboxyl groups in same reaction to fasten the amputated molecules, preventing molar weight from decreasing.

Key Benefits:

- Non-toxic
- Excellent anti-hydrolysis property
- Less pyrolysis gas

Suggested Uses:

- Hydrolysis stabilizer for Polyester resin: PLA, PBAT, PBS, PHA, PET, PBT etc.

Physical Properties:

Appearance	Granular
Ave. Diameter*	$\leq 1000 \mu m$
Softening point*	70°C (158°F)
Decomposition Temp.*	350°C (662°F)
Hue (YI)* JIS standard color chart	11
NCO%*	0%
Carbodiimide equivalent weight	260~264

*: Standard Value

※Please refer to MSDS for more detailed information

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