Tinuvin® XT 833
High Performance Light Stabilizer for Flexible PVC

- Extends life expectancy of flexible PVC
- Excellent color and physical property retention
- Exceeds current industry standards for weatherability
- Adds flexible PVC as a prime choice for durable construction applications
Tinuvin® XT 833 gives flexible PVC outstanding durability so you can extend customer satisfaction

Tinuvin® XT 833 is a novel, high performance light stabilizer system that provides outstanding weatherability in flexible PVC and PVC alloys. Tinuvin® XT 833 protects PVC from the harmful effects of light exposure and helps it maintain its initial appearance, initial tensile and elongation properties and physical integrity during long-term weathering. In PVC roofing membranes, for example, it minimizes discoloration and embrittlement and enables the membranes to retain their moisture barrier properties and reflectivity. In some cases, studies show, even in an acidic environment, Tinuvin® XT 833 can double the expected lifetime of flexible PVC compared to ultraviolet absorbers (UVAs). This extended durability makes PVC an excellent choice for many construction applications.

Superior physical property retention

Even at half the concentration levels, Tinuvin® XT 833 provides superior elongation retention in flexible PVC compared to two typical formulations containing ultraviolet absorbers (UVAs).

Excellent resistance to discoloration

Tinuvin® XT 833 provides superior color retention in flexible PVC compared to two typical formulations containing ultraviolet absorbers (UVAs).

Recommended applications

Tinuvin® XT 833 can help extend the durability and life expectancy of end use products including:

- PVC roofing membranes
- PVC pond, pool, irrigation and waste disposal liners
- PVC coated fabrics for tents, tarps, canopies and awnings
- Flexible PVC wall coverings and decorative foils
- Flooring and exterior carpeting
- Exterior and interior automotive trim
- Outdoor signs and banners
- Flexible PVC furniture

Additionally, Tinuvin® XT 833 can be used in PVC alloys such as PVC/ABS and PVC/PUR.

For more information about how Tinuvin® XT 833 can improve the performance of your PVC formulation, please contact:

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About BASF

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