

INNOVBLEN

Technical Data List

Product Type: KINGFOX USI-3300

Brand: INNOVBLEN KINGFOX

Application: Plastic impact-modified for cold endurance, weatherability and humidity-heat resistance

Features and benefits:

- Improved humidity resistance and thermal degradation resistance of basic resin, enhance the durability of product
- Excellent high-temperature heat resistance

Composition:

- Core-shell structure, Siloxane-acrylate copolymer

Typical physical properties

Physical properties	value	unite
morphology	power	
color	White to off-white	
Volatiles content	<1.5	%
Bulk density	0.29-0.35	g/cm ³

Overview

- KINGFOX USI-3300 is Silicone-acrylate copolymer impact modifier, the siloxane content is about 10%. Plastic modified for cold endurance, weatherability and humidity-heat resistance. It can be used for modification of engineering plastics PC、PC/ABS、PC/ASA、PC/PBT ect. It is recommended to add 1-5% (by weight)

Data 1: Usage recommendation

KINGFOX	Resin	Dosage
USI-3300	PC	1-5%
	PC/ABS、PC/ASA、PC/PBT	3-5%

Instructions

- Based on different screw combinations, processing temperature, and flame retardant level, there may be variations in the actual amount of KINGFOX USI-3300 added compared to the Recommended usage amount. When mixing KINGFOX with plastic, ensure even dispersion.

Storage and Shelf life

- KINGFOX should be stored under 60 °C (140 °F) in a sealed condition, shelf life is 24 months

Package

- KINGFOX additives 15KGS bag