

INNOVLEN

Technical Data List

Product Type: KINGFOX USI-3306

Brand: INNOVLEN KINGFOX

Application: Plastic impact-modified for high impact resistance at low temperature(-50℃) 、 humidity-heat resistance and excellent synergistic flame retardant for PC

Features and benefits:

- Great combination of low temperature impact resistance and flame resistance.
- Excellent chemical resistance、 humidity-heat resistance
- Excellent synergistic flame retardant for PC

Composition:

- Siloxane-butyl acrylate-methyl methacrylate copolymer
Core-shell structure, Core: silicone-acrylate , a special type of silicone resin,
Shell: MMA

Typical physical properties

Physical properties	value	unite
morphology	power	
color	White to off-white	
Volatiles content	<1.0	%
Bulk density	0.30-0.35	g/cm ³

Overview

- KINGFOX USI-3306 is Silicone-acrylate copolymer impact modifier, this silicone is a special type of silicon resin, Provides Low temperature impact resistance(-50℃) and Weather-resistance . as well, provide superior synergistic flame retardant properties. It can be used for engineering plastics,PC、 PC/ABS、 PC/ASA、 PC/PBT ect.It is recommended to add 4-7%(by weight).

Data 1: Usage recommendation

KINGFOX	Resin	Dosage
USI-3306	PC	4-7%
	PC/ABS、 PC/ASA、 PC/PBT	4-5%

Instructions

- Based on different screw combinations,processing temt,and flame retardant level, there may be variations in the actual amount of KINGFOX USI-3306 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℃ (140°F)in a sealed condition ,shelf life is 24 months

Package

- KINGFOX additives 15KGS bag