



KANDUI INDUSTRIES PVT. LTD.

Product Specification

AddKan Masterbatch

UV STABILIZER MASTERBATCH

AD/01/0017

This is a very special type UV masterbatch with 20% stabilizer content (HALS- Tinuvin 783 or equivalent). It is a synergistic mixture of oligomeric hindered amine stabilized .

Masterbatch having low gas fading, outstanding extraction resistance, less pigment interaction. It is good for **Food Grade** application.

Recommended addition levels are in the range of 1-3% based on UV exposure and the end product thickness .It Protects the product/polymer from losing the mechanical properties by preventing heat, light and oxygen decomposition without affecting the appearance.

Verification of the percentage of UV Additive going to every batch, enables conformity of 20% content. Combination of radical interceptors with specialty additives, manufactured using modern compounding techniques imparts uniform dispersion and a very effective product. Evaluating the physical and rheological properties of the final product again proves the product quality.

Typical Properties	Typical Values	Units
Bulk Density	0.4-0.65	Gms/ml
Moisture Content	<0.1	%
Melt Flow Index	15+/-3	Gm/10min
Pellets/Gram	70+/-6	Nos
Carrier Resin	LD/LLDPE	
Heat Stability conditions	Thermally stable under normal processing	
Applications for FOOD GRADE:		
Injection Moulding		
Blow Moulding and		
all Extrusion Applications		

All the above values are obtained under standard conditions with our testing facilities, may vary under different conditions and depending upon the accuracy and efficiency of the man and the machine. So it's recommended to test the above properties to finalize the use of the product for specific and particular applications. The information regarding the minerals is based on the test results and reports provided by the supplier.

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