



Piraadd® FR02MB FLAME RETARTANT MASTER BATCH

Introduction

Piraadd® FR02MB FLAME RETARTANT MASTER BATCH is a flame retardant especially designed for polyolefin, with phosphorus, bromine and nitrogen as the main flame retardant elements. It has high flame retardant efficiency, add 2%-3% in homo poly PP (add 5%-6% in co-polymer PP), to achieve UL94 V2. Good thermal stability, no immigration, excellent water resistance, good aging resistance and low smoke non-toxicity, no heavy metal, will not influence the transparent color of PP.

Specification	
Item	Index
Appearance	White granule
FR content %	40
PP Carrier %	60
Density g/cm3	1.0-1.2
Process condition °C	≤180

Package Information:

25Kg paper bag, 1*20' fcl=17.5mt with pallets.

Recommended dosage:

Resin	Homo poly PP	Copoly PP	Homo PP+20% talcum powder	Copoly PP+Homo poly PP +20% talcum powder
Dosage %Piraadd® FR02MB FLAME RETARTANT MASTER BATCH	2-3	5-6	≥1.5	≥5.4
UL94	V-2(3.2mm) V-2(1.6mm) V-2(0.8mm)	V-2(3.2mm) V-2(1.6mm) V-2(0.8mm)	V-2(3.2mm) V-2(1.6mm) V-2(0.8mm)	V-2(3.2mm) V-2(1.6mm) V-2(0.8mm)

Remarks:

- 1) The process temperature of Piraadd® FR02MB FLAME RETARTANT MASTER BATCH is recommended under 230 °C, so the processing temperature of the twin-screw can be adjusted according to the specific conditions to enhance the dispersion and enhance the plasticization effect. A certain degree of hollowness must be maintained during the twin-screw extrusion process.
- 2) When add Piraadd® FR02MB FLAME RETARTANT MASTER BATCH in PP, it is not suggested to use Strong shear screw combination.

Thank you for your Attention!

www.pirooz-polymer.com www.pishco-groupe.com Email : info@pishco.com