HAIFLON® PPA-50FK — FKM-based Processing Aid (FKM 45 – 55 %)

FKM-based (fluoroelastomer) processing aid for polyolefin extrusion

Haiflon® PPA PPA-50FK is an FKM-based (fluoroelastomer) processing aid for extrusion processes. It improves polyolefin processing without affecting the original physical properties of the plastics, nor their sealing, adhesion and printing properties, and can be used for PE, PP, EVA and other polyolefin resins. The FKM content of 45 – 55 gives a balanced performance/cost ratio for melt-fracture elimination and die-buildup control.

Product Features

- FKM-based processing aid — FKM content 45 – 55, LDPE carrier 45 – 55
- Improves film surface quality by eliminating melt fracture
- Shortens downtime by reducing die buildup
- Increases output and saves energy (lower main motor current)

Typical Physical Properties

Item	Specification — PPA-50FK
Appearance	White powder
FKM content, %	45 – 55
LDPE content, %	45 – 55
Bulk density, g/cm³	0.6 – 1.0

Applications

- Polyolefin resin extrusion products (film, sheet, pipe, cable)
- Processing aid masterbatch for PE, PP and EVA

Processing Guide

- The dispersion of the PPA in the resin determines the performance. The recommended procedure is to make a 2 – 3 % masterbatch through a twin-screw extruder and then dose it into the extrusion resin according to the target performance level. The conditioning time is 20 – 60 minutes depending on equipment, base material and shear rate; no conditioning time is required under long-term continuous use.
- Typical effective dosage: 50 – 800 ppm.

Shelf Life & Storage

- 2 years, below 30 °C, stored cool, dry and protected from light.

Safety Precautions

- Not classified as a dangerous good for transport. Please refer to the Safety Data Sheet (SDS) before use.
- Avoid breathing dust; use local exhaust ventilation and wear a dust mask, gloves and goggles during handling.
- During hot processing above 300 °C, small amounts of decomposition products may be released — adequately ventilate the processing area and avoid inhaling fumes.
- Dispose of processing waste according to local regulations.

Packing

- Net weight 25 kg per carton box.
- Other packings are available on request.

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