

Product Information:

KK-CHAR is halogen free flame retardant char forming masterbatch which improves the flame retardant properties as well as the dropping behavior and crust-formation.

Composition:

%65 dimethyl dihydrogenated tallow ammonium resin of the active ingredient.

Advantages:

Oxygen, CO₂ and water vapour barrier, thermal stability, stiffness, solvent/chemical resistance, weight reduction, fiberglass reduction, rheology control, UV transmission, flame retardant and drop resistance.

Typical Applications:

- HFFR Compounds
- PVC Compounds
- Drying of highly filled Compounds
- Aluminum hydroxide-filled ethylene-vinyl acetate (EVA)
- Low-density polyethylene (LDPE/LLDPE)
- Magnesium hydroxide-filled polypropylene (PP)
- Polypropylene (PP) films
- Polylactide (PLA) films

Recommendation of addition rate: 3-10%

Product Data:

Property	Test Method	Unit	Value
Physical Properties			
Carrier Resin	-	-	Polyolefin
Melt Flow Rate (190°C-10 kg)	ASTM D 1238	g/10 min	45±5
Density	ASTM D 792	g/cm ³	1,32±0,02
Moisture Content	Internal Method	%	<0,5

Packaging:

It is packaged as 25 kg in PE bags. Different packing is possible if required.

Storage&Handling:

KK-CHAR should be stored in a manner that avoids direct exposure to sunlight and heat (T<30°C). This compound should be used within 6 months after its production date. After this time it's necessary to dry the material before extrusion.

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