



KNS-FRHC

Flame Retardant Masterbatch

Product Information:

KNS-FRHC is based on a synergist brominated flame retardant compound. It is used for forming char of the compound and also it helps to improve flame retardancy properties. Because of the nano-size of the active material inside it also used for improvement agent of mechanical properties.

Typical Applications:

Flame retardant, char forming.

For XLPE compound recommended feeding ratio: 10 – 15 %

For PE compound recommended feeding ratio: 10 – 20 %

For PP compound recommended feeding ratio: 10 – 15 %

For PVC compound recommended feeding ratio: 5 – 10 %

For HFFR compound recommended feeding ratio: 3,5 – 4,5 %

Product Data

Property	Test Method	Unit	Value
Physical Properties			
Carrier Resin	-	-	LLDPE
Melt Flow Rate (190°C-5 kg)	ASTM D 1238	gr/10 min	25±10
Density	ASTM D 792	g/cm ³	2,27±0,10

Packaging: It is packaged as 25 kg in aluminum bags, 1250 kg pallets.

Storage&Handling:

KNS-FRHC should be stored in a manner that avoids direct exposure to sunlight and heat. The storage area should also be dry. Klineks does not provide a warranty for quality deterioration that is a result of faulty storage conditions.