



## KNS-FRUK

## Flame Retardant Masterbatch

### Product Information:

Most plastics are combustible and many applications require fire-resistant properties.

KNS-FRUK masterbatches inhibit or prevent the combustion process. Material is in pellet form. It is convenient for processing temperature higher than 260°C.

### Typical Applications:

Extrusion-pipes, cable channer.

Enjection molding (HDPE, LDPE, LLDPE).

Flame retardancy, char forming.

For XLPE compound recommended feeding ratio: 10 – 15 %

For LLDPE compound recommended feeding ratio: 10 – 20 %

For PP compound recommended feeding ratio: 10 – 15 %

For HDPE compound recommended feeding ratio: 12 – 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
<b>Physical Properties</b>			
Carrier Resin	-	-	LLDPE
Melt Flow Rate (150°C-21,6 kg)	ASTM D 1238	gr/10 min	23±5
Density	ASTM D 792	g/cm <sup>3</sup>	2,64±0,03

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

### Storage&Handling:

KNS-FRUK 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.