



## KNS-F

## Halogen Free Flame Retardant Plug Compounds

### Product Information:

KNS-F is thermoplastic, flame retardant and halogen free compound on polyolefin basis which has been formulated for molding/injection of plug-inserts and/or strain-reliefs pieces used for domestic appliances.

### Product Data:

Property	Test Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Rate (150°C-21,6 kg)	ASTM D 1238-10	gr/10 min	50±5
Specific Weight (23°C)	ASTM D-792	g/cm <sup>3</sup>	1,18±0,01
Tensile Strength	ISO 527	Mpa	8±1
Elongation at Break	ISO 527	%	800
Hardness	ISO 868	Shore A	80

### Packaging:

KNS-F is available in 25 Kg PE bags, big bags or octabins of 1000 Kg.

### Processing:

Injection Temperatures	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
	145°C	145°C	145°C	145°C	155°C	155°C
Mould Temperatures	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
	180°C	180°C	180°C	180°C	180°C	180°C

### Storage&Handling:

KNS-F 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.