

HFFR-BSB**Halogen Free Flame Retardant Bedding Cable Compounds****Product Information:**

HFFR-BSB is halogen free flame retardant bedding compound based on polyolefine resin. This compound is easy to process, increase the overall production rate, maintain good mechanical properties and provides better surface quality. It can be processed without any need co-extrusion, high temperature level at the extruder and type of the screw. HFFR-BSB is specially produced for BS 6724 standart.

Product Data:

Property	Test Method	Unit	Value
Physical Properties			
Process Type	-	-	Flexible
Melt Flow Rate (150°C-21,6 kg)	ASTM D 1238	g/10 min	3±1
Specific Weight (23°C)	ASTM D-792	gr/cm ³	1,60±0,03
Mechanical Properties			
Tensile Strength	ISO 527	MPa	10
Elongation at Break	ISO 527	%	100
LOI	ISO 4589	%	45
Chemical Properties			
Halogen Content	EN 60754-1	%	<0,5 Max.

Special Features:

- Excellent processing properties
- Low smoke and reduced toxic or corrosive gas emissions
- Processability on most HFFR/Rubber/PE extrusion equipment

Processing:

Extrusion Temperatures: 100°C – 110°C – 115°C – 120°C – 125°C

Packaging:

It is packaged as 1250 kg in bigbag.

Storage&Handling:

HFFR-BSB 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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