

HFFR-F30**Halogen Free Flame Retardant Bedding Cable Compounds****Product Information:**

HFFR-F30 is halogen free flame retardant bedding compound based on Polyolefin 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-F30 is flexible and durable also usable for CPR applications.

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	160±10
Specific Weight (23°C)	ASTM D-792	gr/cm ³	1,60±0,03
Mechanical Properties			
Tensile Strength	ISO 527	MPa	4
Elongation at Break	ISO 527	%	120
Chemical Properties			
Halogen Content	EN 60754-1	%	<0,5 Max.
LOI	ISO 4589	%	48

Special Features:

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

Processing:

Extrusion Temperatures: 110°C – 115°C – 120°C – 125°C-130°C – 140°C

Packaging:

It is packaged as 1250 kg in bigbag.

Storage&Handling:

HFFR-F30 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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