

HFFR-D3**Halogen Free Flame Retardant Bedding Cable Compounds****Product Information:**

HFFR-D3 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 or tandem, high temperature level at the extruder and type of the screw. This compound is flexible and durable also suitable for armoured cables.

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	90±10
Specific Weight (23°C)	ASTM D-792	gr/cm ³	1,70±0,05
Mechanical Properties			
Tensile Strength	ISO 527	MPa	3,5
Elongation at Break	ISO 527	%	350
LOI	ISO 4589	%	33
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/PE extrusion equipment

Processing

Extrusion Temperatures: 120°C – 130°C – 135°C – 140°C – 145°C

Packaging:

It is packaged as 1250 kg in bigbag.

Storage&Handling:

HFFR-D3 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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