

**HFFR-D44****Halogen Free Flame Retardant Bedding Cable Compounds****Product Information:**

HFFR-D44 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-D44 is flexible and durable also suitable for armoured cables.

**Product Data:**

Property	Test Method	Unit	Value
<b>Physical Properties</b>			
Process Type	-	-	Flexible
Melt Flow Rate (150°C-21,6 kg)	ASTM D 1238	g/10 min	95±10
Specific Weight (23°C)	ASTM D-792	gr/cm <sup>3</sup>	1,69±0,04
<b>Mechanical Properties</b>			
Tensile Strength	ISO 527	MPa	5
Elongation at Break	ISO 527	%	340
LOI	ISO 4589	%	34
<b>Chemical Properties</b>			
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

**Storage&Handling:**

HFFR-D44 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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