

HFFR-80B2**Halogen Free Flame Retardant Bedding Cable Compounds****Product Information:**

HFFR-80B2 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-80B2 is flexible and drummable also usable for CPR applications.

Product Data:

Property	Test Method	Unit	Value
Physical Properties			
Melt Flow Rate (150°C-21,6 kg)	ASTM D 1238-10	gr/10 min	45±15
Specific Weight (23°C)	ASTM D-792	gr/cm ³	1,76±0,03
Hardness	ISO 868	Shore A	61±3
Moisture Content	Internal Method (110°C)	%	<0,1
Mechanical Properties			
Tensile Strength	ISO 527	Mpa	0,95±0,05
Elongation at Break	ISO 527	%	300±50
LOI	ISO 4589	%	42±2
Chemical Properties			
Halogen Content	EN 50267-2-1	%	Max.0,5

Special Features:

- Excellent processing properties
- Low smoke and reduced toxic or corrosive gas emissions
- High LOI
- Processability on most HFFR/PVC/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-80B2 should be stored in a manner that avoids direct exposure to sunlight and heat. The storage area should also be dry. KABKOM does not provide a warranty for quality deterioration that is a result of faulty storage conditions.