

THERMOPLASTIC HALOGEN FREE, FLAME RETARDANT AND LOW SMOKE EMISSION
POLYOLEFIN BEDDING COMPOUND

Product Description:

SPFR-B20 is a non-halogen, low smoke and flame-retardant bedding compound for wire and cables, based on Polyolefins.

Specification:

IEC 60502:ST8

Physical & Mechanical Properties	Standard & Test Method	Unit	Value
Density	IEC60811-606	gr/cm ³	1.52
Melt Flow Index(150C/21.6kg)	IEC60811-511	g/10 min	2.5
Tensile strength	IEC60811-501	N/mm ²	> 13
Elongation at break	IEC60811-501	%	> 170
Hardness	ASTM D2240	Shore D	55
Mechanical Properties after ageing (100°C/168hr)	IEC 60811-401	%	10
Variation of Tensile strength	IEC 60811-401	%	15
Variation of Elongation at break			
Heat shock(24hr/100°C)	IEC 60811-509	---	No crack
pH	IEC 60754-2	-	6.0
Conductivity	IEC 60754-2	µs/mm	1.5
Water absorption	IEC 60811-402	mg/cm ²	0.2
LOI	ASTM D2863	%	32

Packaging

- Bag with a net content of 25 kg