



Bedding Compound KBX FILL 200

KBX FILL 200 is designed as drumable, thermoplastic halogen-free flame retardant (HFFR) bedding or filling compound which is suitable for use up to 1 kV.

Processing

Standard extruders for thermoplastics equipped with low compression screw (1:1.2-1.4 compression ratio and 20-25 L/D) are suggested with adequate barrel thermoregulation. Screw cooling is highly recommended. Filter net: not necessary; in case use 40-80 mesh/cm² max. The use of the breaker plate is advisable, in particular when using low compression screw.

Typical properties

	Test method	Unit	Value
Density	ISO 1183	g/cm ³	1,550
Melt Flow Index (21,6 kg at 150 °C)	ISO 1133	g/10 min	> 3,5
Limiting Oxygen Index	ASTM D 2863	%	55

Temperature profile

Zone 1	Zone 2	Zone 3	Zone 4	Collar	Head	Die
120-140 °C	125-145 °C	130-150 °C	135-155 °C	135-15 °C	140-160 °C	145-165 °C

Storage

The product should be stored under the following conditions:

- closed and unbroken bags
- in ambient temperature not exceeding 30 °C
- avoid direct exposure to sunlight and weathering

Product alterations could occur due to extended period of storage. Its use within six months from the production date is suggested.

Kabelovna Kabex® a.s. accepts no liability of any kind in case the above mentioned conditions are not fulfilled. Our Technical Service is at your disposal for further information and advice upon the starting stage and also for any eventual necessity during the course of the product use.

Available packaging

