

**DATA SHEET / SPECIFICATIONS**  
**FLAME RETARDANT MASTERBATCH**  
**FR TE S CC NAT**

FR TE S CC NAT is a masterbatch containing antimony trioxyde and chlorinated paraffine based on LLDPE carrier. This masterbatch has a good thermal stability, allowing high processing temperatures.

**SPECIFICATIONS**

Specific gravity (g/cm <sup>3</sup> )	1,50 - 1,62	MO13-700*
MFI (150°C, 2,16 kg)	80 – 200	MO1-700*

**OTHER CHARACTERISTICS**

Melting temperature	About 120° C	MO19-700*
Bulk density	0,92-1,00	MO28-700*
Oxygen Index (L.O.I.) of PP with addition of FR TE S CC NAT	+ 2% ILO 19 +4% ILO 22 +6% ILO 24 +8% ILO 25.5	MO12-700*
YI Color	Approx. 17	MO92-700*

\* Polytechs methods

**USAGE**

FR TE S CC NAT is especially designed for the extrusion of ICTA electrical tubes in PP.

**ADDITION RATES**

The level of addition to reach the EN 50086-1 Standard is from 3 to 7% according to the thickness and diameter of the tube. The concentration of additives in the masterbatch is 72%.

**PACKAGING**

Product is packed in 25 kg PE bags on 1375 kg shrink-wrapped pallets, protected with a shrink film. Any other packaging (octabin, cardboard box, big-bags) is available on request.