

# CABMER CF 2510

## Product Information

### 1. Product Description

**CABMER CF 2510** is a medium density polyethylene compound for cellular chemical foamed telesingles. CABMER CF 2510 is for : Foam or foam-skin insulation for telephone singles with typical expansion of 40-50%. CABMER CF 2510 meets the following material classification: ISO 1872-PE, KEGHN, 45-D006 1 and ASTM D1248 Type III, Class A, Category 4 . The combination of CABMER CF 2510 is stabilized compound in order to retain maximum mechanical properties and resistance to heat deformation. It provides excellent processability and electrical/physical properties.

### 2. Physical Properties

Properties	Test Method	Value	Units
<b>Physical</b>			
Melt flow rate 190 °C, 2.16 kg	ISO 1133	1,0	g/10 min
Conventional density	ISO 1183 Method D	925	Kg/m <sup>3</sup>
Vicat softening temperature	ISO 306 Method A	115	°C
Tensile strength @ yield	ISO 527-2	15	MPa
Tensile strength @ break	ISO 527-2	24	Mpa
Elongation @ break	ISO 527-2	>600	%
ESCR (F <sub>o</sub> ,50°C,10% Igepal)	ASTM D 1653	>800	Hour
<b>Electrical</b>			
Volume Resistivity	IEC 60093	1,00	e+6 ohm-cm
Dielectric Constant @1Hz	ASTM D 1531	2,32	-
Dissipation factor @1Hz	ASTM D 1531	100	μrad

### 3. Processing Data

The good processing characteristics of CABMER CF 2510 allow wide latitude of both equipment and process conditions. Normally the extruder barrel temperatures should be set to give a resulting melt temperature in the range of 140-210 °C. Processing above 240 °C should be avoid to prevent heat degradation.

### 5. Packaging :

CABMER CF 2510 is sold in pallet form and is available in the 25 kg bags and 500/600 kg bigbag.