

CABMER SS 2310

Product Information

1. Product Description

Cabmer SS 2310 is a low density polyethylene compound suitable for solid insulation and star separation filament for Cat6 type cables.

The combination of Cabmer SS 2310 is stabilized compound in order to retain maximum mechanical properties and resistance to heat deformation. It provides excellent extrusion speed, processability and electrical/physical properties.

2. Specifications

ISO 1872-PE, KGHN, 45-D006, ASTM D1248 Type III, Class A, Category 4, Grade E8,E9

3. Physical Properties

Properties	Test Method	Value	Units
Physical			
Melt flow rate 190 °C, 2.16 kg	ISO 1133	1,0	g/10 min
Conventional density	ISO 1183 Method D	929	Kg/m ³
Vicat softening temperature	ISO 306 Method A	120	°C
Shore hardness D	ISO 868	53	-
Tensile strength @ yield	ISO 527-2	30	MPa
Tensile strength @ break	ISO 527-2	25	Mpa
Elongation @ break	ISO 527-2	>500	%
ESCR (F ₀ ,50°C,10% Igepal)	ASTM D 1653	>500	Hour
Electrical			
Volume Resistivity	IEC 60093	1,00	e+6 ohm-cm
Dielectric Constant @1Hz	ASTM D 1531	2,28	-
Dissipation factor @1Hz	ASTM D 1531	100	µrad

4. Processing Data

The good processing characteristics of Cabmer SS 2310 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 150-200 °C. Processing above 250 °C should be avoided to prevent heat degradation.

5. Packaging :

Cabmer SS 2310 is sold in pallet form and is available in the 25 kg bags and 500/600 kg bigbag.