

CABMER P 0508

Product Information

1. Applications

- Wire & cable insulation (VDE 0250, Part 215, type 9YI2 and CEI-EN 60811-4-2.)
- Tube , Automotive interior/exterior profiles
- Special monofilaments

2. Description

- Extrusion grade polypropilen copolymer
- High speed extrusion , high molecular weight , excelent flexibility
- Excellent impact at sub-zero temperature

3. Physical Properties

Properties	Test Method	Value	Units
Physical			
Melt flow rate 190 °C, 2.16 kg	ISO 1133	4,0	g/10 min
Conventional density	ISO 1183 Method D	905	Kg/m ³
Vicat softening temperature	ISO 306 Method A	132	°C
Shore hardness D	ISO 868	58	-
Tensile strength @ yield	ISO 527-2	18	MPa
Tensile strength @ break	ISO 527-2	56	Mpa
Elongation @ break	ISO 527-2	>500	%
Electrical			
Volume Resistivity	IEC 60093	1,00	e+6 ohm-cm
Dielectric Constant @1Hz	ASTM D 1531	2,25	-
Dissipation factor @1Hz	ASTM D 1531	100	μrad

4. Processing Data

This thermoplastic compound has been formulated for an easy processing, and optimal output can be generally achieved on extruders . Temperature profile between 180°C and 240°C.