POLYPRIME

TELECOM WIRE & CABLE

Polyprime PVC compounds for telecommunications gives a surface finish of excellence to the wire and meets all the requirements of the standards in this sector with a processing speed over 1200 meters / minute. Compounds of great technical accuracy and purity to be able to comply with high electrical resistance, UV resistance and mechanical resistance in ultrafine thickness wires.

TELECOM

PVC COMPOUNDS FOR TELECOMMUNICATIONS

Code	Density	Hardness	Operating temp °C	Tensile strength Mpa	Elongation at break %	Specific Application	Standards	Halogenated	Sheathing	Insulation	Additional Features
SOM/12A	1,33	90 ShA	90	21,0	250	High insulation resistance	-	✓	✓	✓	-
CBB/18A	1,30	95 ShA	90	31,0	380	Ultrathin cable sections	VDE 0207 YI-3	✓	✓	✓	-
RDK/90A	1,30	90 ShA	90	17,5	200	High mechanical properties	-	✓	✓	✓	-
BIC/90A	1,28	90 ShA	90	18,0	250	High UV resistance	VDE 0207 YI-3	✓	✓	✓	☼

UV RESISTANT

LACOFLEX

TELECOM WIRE & CABLE

Lacoflex offers TPE-E compounds designed for Telecomm wire and cable applications, with a focus on their flexible loose tube product, ShorD 35. These compounds feature gel migration resistance, easy peeling and stripping, plasticizer-free composition, and high resistance to creep and impact. They have a high melting point above 180°C and a service temperature range of -70 to +125°C, along with a stable line speed of approximately 400m/min, resulting in a consistent diameter (DDR = 10). Moreover, these compounds are zero halogen and meet industry standards such as IEC, EN 60754-1/-2, and VDE 0482-754-1/-2.

OPTIC FIBRE

TPE-E COMPOUNDS FOR OPTICAL FIBER CABLES

Code	Density	Hardness ShD/15s	Tensile strength N/mm2	Elongation at break %	LOI (%)	CPR Class	Specific Application	Additional Features
TPE125NF-80A	1.26	40	9	200	-	-	Low friction tube	⚗ ⚙

CHEMICAL RESISTANT MECHANICAL PROPERTIES

CABOPOL
POLYMER COMPOUNDS

sales@cabopol.com
www.cabopol.com

V 3.5 01/03/2024