

Borealis LE0595-07 Polyethylene Compound, Crosslinkable, Semiconductive

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

LE0595-07 is a crosslinkable black polyethylene compound, specially designed for bonded semi conductive screen applications. LE0595-07 is a crosslinkable black polyethylene compound, specially designed for bonded semi conductive screen applications. Applications LE0595-07 is intended for semi conductive applications in XLPE medium and high voltage cables. It is developed for constructions with bonded insulation shields. Specifications: AEIC CS7; AEIC CS8; BS 6622; DIN VDE 0276-263; DIN VDE 0276-620; HD 620 S1; HD 632 S1; IEC 60502; IEC 60840; ISO 1872-E/BA, KHXY, 23-G200, C40; ICEA S-93-639; NF C33-223; NF C33-226; UTE C 33-223; and UL 1072. Information provided by Borealis AG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Borealis-LE0595-07-Polyethylene-Compound-Crosslinkable-Semiconductive.php

Physical Properties	Metric	English	Comments
Density	1.135 g/cc	0.04100 lb/in ³	ASTM D1928C/D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 9.30 MPa	>= 1350 psi	after aging (168h, 150°C)
	18.6 MPa	2700 psi	ASTM D638
Elongation at Break	200 %	200 %	25mm/min; ASTM D638

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 100 ohm-cm	<= 100 ohm-cm	ASTM D991
	@Temperature 90.0 °C	@Temperature 194 °F	

Processing Properties	Metric	English	Comments
Shelf Life	18.0 Month	18.0 Month	

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