

Kazanorgsintez 158-280 Low Density Polyethylene Composition with Improved Processibility

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Wire/Cable Grade

Material Notes:

Production Method: Compositions are produced from low density polyethylene with additives. Application: Intended for cable core lapping. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-158-280-Low-Density-Polyethylene-Composition-with-Improved-Processibility.php

| Physical Properties | Metric | English | Comments |
|---------------------------------------|--------------------|------------------------------------|----------|
| Density | 0.917 - 0.925 g/cc | 0.0331 - 0.0334 lb/in ³ | |
| Environmental Stress Crack Resistance | >= 3.0 hour | >= 3.0 hour | |
| Melt Flow | 1.5 - 2.5 g/10 min | 1.5 - 2.5 g/10 min | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| Dielectric Constant | <= 2.3 @Frequency 1000 Hz | <= 2.3 @Frequency 1000 Hz | |
| Dielectric Strength | >= 40.0 kV/mm | >= 1020 kV/in | Sample of 1 mm thickness, Alternating current |
| Dissipation Factor | <= 0.00030 @Frequency 1000 Hz | <= 0.00030 @Frequency 1000 Hz | |

| Descriptive Properties | Value | Comments |
|----------------------------|-------|----------|
| Amount of impurities [pcs] | 2 | |

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