

## Kazanorgsintez P2ES-12 Electrically Conductive Polyethylene Composite

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

Production Method: P2ES-12 is produced from low density polyethylene, modified by carbon black, rubber and calcium stearate.

Application: Designed for production of pipes used for explosive material, as well as for production of carpets and table cloths where the absence of static electricity charges is necessary. Information Provided by Kazanorgsintez

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kazanorgsintez-P2ES-12-Electrically-Conductive-Polyethylene-Composite.php](http://www.lookpolymers.com/polymer_Kazanorgsintez-P2ES-12-Electrically-Conductive-Polyethylene-Composite.php)

Physical Properties	Metric	English	Comments
Volatiles	<= 0.10 %	<= 0.10 %	
Carbon Black Loading	>= 18.5 %	>= 18.5 %	
Melt Flow	0.10 - 1.0 g/10 min	0.10 - 1.0 g/10 min	

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 145 %	>= 145 %	
Tear Strength Test	>= 9.5	>= 9.5	MPa

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 1000 ohm-cm	<= 1000 ohm-cm	

Descriptive Properties	Value	Comments
Appearance	Black pellets. Their size in any direction has to be 1.4 to 5 mm.	

## Contact Songhan Plastic Technology Co.,Ltd.

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