

ELFTEX® P100



ELFTEX® P100 is the new P-type black for Pressure Pipe applications.

Major Applications

ELFTEX P100 is a specialty black belonging to the “P- TYPE” family.

“P-TYPE” blacks are those which meet all of the following specifications all of the time.

Property	Limit	Test Method
325 Mesh Residue (ppm)	< 20	ASTM D-1514
Ash (%)	< 0.1	ASTM D-1506
Total Sulfur (%)	< 0.1	Cabot 15.71
Particle Size (nm)	< 25	ASTM D-3849
Toluene Extract (%)	< 0.03	ASTM D-1618

If you are designing and processing applications such as plastic pipe, geomembranes, or any other plastic products requiring excellent UV protection, you appreciate the clear advantages delivered by ELFTEX P100.

Performance Features

- Excellent UV absorption
- Meets coefficient of absorption (COA) requirement for telecom jacketing.
- Excellent chemical and physical cleanliness
- Excellent organoleptic properties
- Low compound moisture absorption
- Good processability for smoother surfaces

Typical Applications:

Pipe

- Pressure pipe for potable water and gas
- Irrigation pipe
- Utility pipe

Geomembranes

ELFTEX P100 is available in pelleted form.





Typical Properties

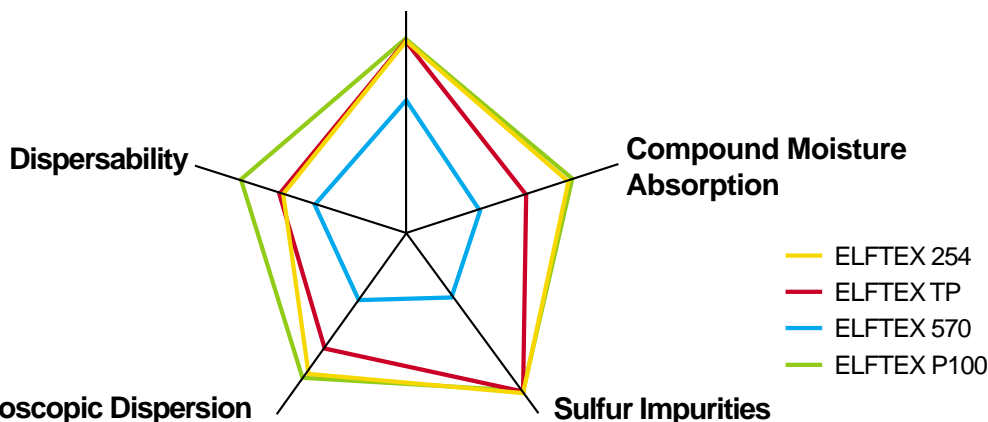
Property	Value	Test Method
Iodine number (mg/g)	79	ASTM D-1510
OAN (cc/100g)	104	ASTM D-2414
325 Mesh residue (ppm)	<20	ASTM D-1514
Ash (%)	<0.1	ASTM D-1506
Total Sulfur (%)	<0.1	Cabot 15.71
Toluene Extract (%)	<0.03	ASTM D-1618
Moisture as packed (%)	<1.0	ASTM D-1509

Standard Packaging Options

Multi Unit	20 kg poly
IBC	950 kg, 220 cm
Bulk	Available

UV-Pipe

Particle Size



Microscopic Dispersion

Sulfur Impurities

MSDS

Material Safety Data Sheet is available from the Regional Sales Office. The location of the nearest Sales Office can be found at the foot of this document.

Notice and Disclaimer. The data and conclusions contained herein are based on work believed to be reliable; however, Cabot cannot and does not guarantee that similar results and/or conclusions will be obtained by others. This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. CABOT DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages, whatsoever in connection with the use of or reliance on this information or any product to which it relates.

NORTH AMERICA

Cabot Corporation
157 Concord Road
PO Box 7001
Billerica, MA USA 01821
Tel: +1 978 663 3455
Fax: +1 978 670 7035

SOUTH AMERICA

Cabot Brasil Ind. Com. Ltda
Av. Joao Castadi, 88-Moema
04517-050-Sao Paulo-SP
Brazil
Tel: +55 11 5091 8300
Fax: +55 11 5042 6037

MIDDLE EAST/AFRICA

Cabot Specialty Chem. Inc.
Jebel Ali Free Zone
PO Box 17894
Dubai
United Arab Emirates
Tel: +971 4 8871 800
Fax: +971 4 8871 801

EUROPE

Cabot
Interleuvenlaan 15 I
B - 3001 Leuven
Belgium
Tel: +32 16 39 24 00
Fax: +32 16 39 24 44

ASIA PACIFIC

Cabot Speciality Chemicals, Inc.
Level 21,
MNI Tower 2
11, Jalan Pinang
50450 Kuala Lumpur
Malaysia
Tel: +60 3 2164 8352
Fax: +60 3 2162 0253

CHINA

Cabot Speciality Chemicals, Inc.
Shanghai Rep. Office
558 Shuangbai Road
Shanghai 201108
China
Tel: +86 21 6434 7766
Fax: +86 21 6434 5532