



PEBOlen

LDPE 1410S

WITH VIRGIN
LLDPE

COMPOSITION: LOW DENSITY POLYETHYLENE
COLOR: black
APPLICATION: irrigation smooth pipes and bags

| PROPERTY | UNIT | VALUE | TEST METHOD |
|----------------------------------|---|---------------|----------------|
| MELT FLOW RATE* | | | |
| 190°C - 2.16 kg | g/10 min | 0.25 - 0.70 | ISO 1133 |
| 190°C - 5 kg | g/10 min | 1 - 2.8 | ISO 1133 |
| VOLUMETRIC MASS* | g/cm ³ | 0.920 - 0.935 | ISO 1183 |
| MELTING POINT | °C | 110 - 113 | DSC |
| CARBON BLACK* | % | 2 - 2.5% | ISO 6964 |
| TENSILE STRAIN AT BREAK | % | > 200 | ISO 527-1:2012 |
| TENSILE STRENGTH AT BREAK | Mpa | 10 - 18 | ISO 527-1:2012 |
| O.I.T. 200°C* | minutes | ----- | ISO 11357-6 |
| HUMIDITY | ppm | < 600 | Karl Fischer |
| SMELL | typical regenerated materials smell more or less intense depending on the batch | | |
| OTHER POLYMERS | % | PP < 4 % | DSC |
| ASH, METALS | slight traces in the formulations of the original products | | |
| PACKAGING | approx 1200 kg big bag | | |

Product Notes:

Produced with post-industrial and post-consumer recycled materials, added with carbon black which increases its resistance to UV. LLDPE added to increase the elasticity of the material.

Not suitable for food contact.

All the information contained in this sheet is purely indicative; therefore, it is advisable to always contact the company for requests, particular uses and different and / or customized formulations.

* these parameters can be changed according to customers requests.