



PEBOlen

HDPE 6100S

WITH VIRGIN
LLDPE

COMPOSITION: HIGH DENSITY POLYETHYLENE
COLOR: black
APPLICATION: inner wall of corrugated pipes for telecommunications and drainage

| PROPERTY | UNIT | VALUE | TEST METHOD |
|----------------------------------|--|---------------|----------------|
| MELT FLOW RATE* | | | |
| 190°C - 2.16 kg | g/10 min | 0.25 - 0.60 | ISO 1133 |
| 190°C - 5 kg | g/10 min | 1 - 2.2 | ISO 1133 |
| VOLUMETRIC MASS* | g/cm ³ | 0.945 - 0.965 | ISO 1183 |
| MELTING POINT | °C | 129 - 132 | DSC |
| CARBON BLACK* | % | 2 - 2.5% | ISO 6964 |
| TENSILE STRAIN AT BREAK | % | > 450 | ISO 527-1:2012 |
| TENSILE STRENGTH AT BREAK | Mpa | 20 - 24 | 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 1250 kg big bag, tank truck, 25 kg bags on pallet | | |

Product Notes:

Produced with post-industrial and post-consumer recycled materials, added with carbon black, which increases its UV resistance. Not suitable for food contact.

LLDPE added to increase the elasticity of the material, particularly suitable for internal walls of double wall corrugated pipes.

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.**