



PEBolen

HDPE 6100



COMPOSITION: HIGH DENSITY POLYETHYLENE
COLOR: black, light grey, red, blue, dark grey, white and matt
APPLICATION: bottles and tanks

| PROPERTY | UNIT | VALUE | TEST METHOD |
|----------------------------------|---|---------------|----------------|
| MELT FLOW RATE* | | | |
| 190°C - 2.16 kg | g/10 min | 0.25 - 0.65 | ISO 1133 |
| 190°C - 5 kg | g/10 min | 1 - 2.5 | ISO 1133 |
| VOLUMETRIC MASS* | g/cm ³ | 0.955 - 0.975 | ISO 1183 |
| MELTING POINT | °C | 130 - 135 | DSC |
| CARBON BLACK* | % | 2 - 2.5% | ISO 6964 |
| TENSILE STRAIN AT BREAK | % | > 450 | ISO 527-1:2012 |
| TENSILE STRENGTH AT BREAK | Mpa | 20 - 26 | 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 < 6 % | 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.

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.