



# PEBolen

## HDPE 6100 C

WITH CALCIUM CARBONATE



### COMPOSITION:

### COLOR:

### APPLICATION:

HIGH DENSITY POLYETHYLENE

black, light grey, red, blue, dark grey, white and matt

outer 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 - 0.65	ISO 1133
190°C - 5 kg	g/10 min	1 - 2.5	ISO 1133
VOLUMETRIC MASS*	g/cm <sup>3</sup>	0.960 - 0.990	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	traces in the formulations of the original products, CaCO <sub>3</sub> added		
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.

Added CaCO<sub>3</sub> to implement the mechanical characteristics of crush 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.