



PEBolen

HDPE 6100



COMPOSITION:

HIGH DENSITY POLYETHYLENE

COLOR:

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

APPLICATION:

inner and outer wall of corrugated pipes for telecommunications and drainage – inner wall of corrugated pipes for sewage

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.