



PEBolen

HDPE 6100S

COMPOSITION: HIGH DENSITY POLYETHYLENE
COLOR: black
APPLICATION: blow molding

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	IOS 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.