



# PEBOlen

## HDPE 6100 C



**COMPOSITION:** HIGH DENSITY POLYETHYLENE  
**COLOR:** black, light grey, red, blue, dark grey  
**APPLICATION:** blow molding

PROPERTY	UNIT	VALUE	TEST METHOD
<b>MELT FLOW RATE</b>			
190°C - 2.16 kg	g/10 min	0.25 - 0.65	ISO 1133
190°C - 5 kg	g/10 min	1 - 2.5	IOS 1133
<b>VOLUMETRIC MASS</b>	g/cm <sup>3</sup>	0.960 - 0.990	ISO 1183
<b>MELTING POINT</b>	°C	130 - 135	DSC
<b>CARBON BLACK</b>	%	2 - 2.5%	ISO 6964
<b>TENSILE STRAIN AT BREAK</b>	%	> 450	ISO 527-1:2012
<b>TENSILE STRENGTH AT BREAK</b>	Mpa	20 - 26	ISO 527-1:2012
<b>O.I.T. 200°C</b>	minutes	-----	ISO 11357-6
<b>HUMIDITY</b>	ppm	< 600	Karl Fischer
<b>SMELL</b>	typical regenerated materials smell more or less intense depending on the batch		
<b>OTHER POLYMERS</b>	%	PP < 6 %	DSC
<b>ASH, METALS</b>	traces in the formulations of the original products, CaCO <sub>3</sub> added		
<b>PACKAGING</b>	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.

# PEBO

Legal HQ  
Via Giuseppe Garibaldi,1  
61049 Urbania (PU) - Italy

Operational HQ  
Località Piego - Fraz. Monterone  
52038 Sestino (AR) - Italy

ph +39 0575 772458 / fax +39 0575 772459  
info@pebospa.com  
www.pebospa.com