



# PEBOlen

## HDPE 1410

**COMPOSITION:** LOW DENSITY POLYETHYLENE  
**COLOR:** black  
**APPLICATION:** extrusion

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>	0.925 - 0.938	ISO 1183
<b>MELTING POINT</b>	°C	110 - 113	DSC
<b>CARBON BLACK</b>	%	2 - 2.5%	ISO 6964
<b>TENSILE STRAIN AT BREAK</b>	%	> 200	ISO 527-1:2012
<b>TENSILE STRENGTH AT BREAK</b>	Mpa	10 - 18	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 < 4 %	DSC
<b>ASH, METALS</b>	slight traces in the formulations of the original products		
<b>PACKAGING</b>	approx 1200 kg big bag		

**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.