



# PEBolen

## HDPE 80075



**COMPOSITION:** HIGH DENSITY POLYETHYLENE  
**COLOR:** black  
**APPLICATION:** high quality smooth pipes for telecommunication

PROPERTY	UNIT	VALUE	TEST METHOD
<b>MELT FLOW RATE*</b>			
190°C - 2.16 kg	g/10 min	0.08 - 0.18	ISO 1133
190°C - 5 kg	g/10 min	0.35 - 0.70	ISO 1133
<b>VOLUMETRIC MASS*</b>	g/cm <sup>3</sup>	0.945 - 0.958	ISO 1183
<b>MELTING POINT</b>	°/C	132 - 138	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	18 - 21	ISO 527-1:2012
<b>O.I.T. 200°C*</b>	minutes	> 20	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>	slight traces in the formulations of the original products		
<b>ASH, METALS</b>	slight traces in the formulations of the original product		
<b>PACKAGING</b>	approx 1250 kg big bag, tank truck, 25 kg bags on pallet		

**Product Notes:**

Produced with post-industrial recycled materials, added with carbon black which increases its UV resistance and added with antioxidant which increases its resistance to oxidation.

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.**