



PEBolen

HDPE 80070

COMPOSITION: HIGH DENSITY POLYETHYLENE
COLOR: black
APPLICATION: smooth pipes for telecommunications, irrigation and other applications

PROPERTY	UNIT	VALUE	TEST METHOD
MELT FLOW RATE*			
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
VOLUMETRIC MASS*	g/cm ³	0.945 - 0.958	ISO 1183
MELTING POINT	°/C	130 - 135	DSC
CARBON BLACK*	%	2 - 2.5%	ISO 6964
TENSILE STRAIN AT BREAK	%	> 350	ISO 527-1:2012
TENSILE STRENGTH AT BREAK	Mpa	17 - 21	ISO 527-1:2012
O.I.T. 200°C*	minutes	> 20	ISO 11357-6
HUMIDITY	ppm	< 600	Karl Fischer
SMELL	typical regenerated materials smell more or less intense depending on the batch		
OTHER POLYMERS	%	PP < 2 %	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 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.**