

HDPE 80100

RePEBolen

plastic
second life

APPLICATIONS



PIPES
high quality smooth pipes



scan to request
more information

COLOR



black

PACKAGING



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
DENSITY*	g/cm ³	0.950 - 0.965	ISO 1183
MELTING POINT	°C	130 - 138	DSC
CARBON BLACK*	%	2 - 2.5%	ISO 6964
TENSILE STRAIN AT BREAK	%	> 450	ISO 527-1
TENSILE STRENGTH AT BREAK	MPa	19 - 22	ISO 527-1
O.I.T. 200°C*	minutes	> 20	ISO 11357-6
HUMIDITY	ppm	< 600	Karl Fischer
SMELL	typical odour of regenerated materials – treatment options for odour reduction		
OTHER POLYMERS	slight traces in the formulations of the original products		
ASH, METALS	slight traces in the formulations of the original product		

Product Notes:

Produced with recycled materials and **off grade materials**, with the addition of carbon black to improve UV resistance and antioxidants to enhance resistance to oxidation. Not suitable for food contact.

All information contained in this sheet is purely indicative. It is therefore advisable to contact the company directly for specific requests, particular uses, or different and/or customized formulations. Automatic filtration up to 100 microns.

*** these parameters can be changed according to customers requests.**

MATERIAL: recycled HDPE

The **RE-PEBolen** line includes recycled materials in compliance with the criteria of the **PSV (Plastica Seconda Vita – Second Life Plastic)** environmental certification, according to the EN 15343 standard.

The product names identify both the type of origin and the percentage of recycled content.

TYPE	CODES
 	RD60 RD80 RD90 RD95
	SI60 SI80 SI90 SI95
	MX30 MX50 MX80 MX90 MX95
	SP30 SP50 SP80 SP90 SP95 SP100

The PSV mark (Plastica Seconda Vita - Second Life Plastic)

It is a recognized environmental certification program specifically developed for materials derived from recycled plastic waste.

This certification confirms:

- the percentage of recycled content in the product,
- the traceable origin of the raw material,
- compliance with the EN 15343 standard for the traceability of recycled materials.