HDPE 80080

RePEBOlen

plastic second life

APPLICATIONS

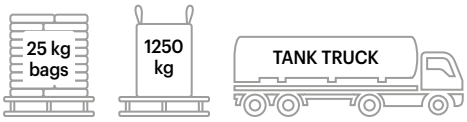
PIPES
spiral pipes

scan to request more information

COLOR

black

PACKAGING



PROPERTY	UNIT	VALUE	TEST METHOD
MELT FLOW RATE*			
190°C - 2.16 kg	g/10 min	0.1 - 0.16	ISO 1133
190°C - 5 kg	g/10 min	0.4 - 0.65	ISO 1133
DENSITY*	g/cm^3	0.950 - 0.965	ISO 1183
MELTING POINT	°/C	130 - 135	DSC
CARBON BLACK*	%	2 - 2.5%	ISO 6964
TENSILE STRAIN AT BREAK	%	> 350	ISO 527-1
TENSILE STRENGHT AT BREAK	MPa	18 - 21	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	%	PP < 2 %	DSC
ASH, METALS	slight traces in the formulations of the original products		

Product Notes:
Produced with recycled 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.**

PEBO
plastic materials • since 1987

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RePEBOlen HDPE 80080

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
plastic second life FROM SEPARATE WASTE COLLECTION	**RD60 | RD80 | RD90 | RD95**
plastic second life FROM INDUSTRIAL WASTE	**SI60 | SI80 | SI90 | SI95**
plastic second life MIX ECO	**MX30 | MX50 | MX80 | MX90| MX95**
plastic second life BY-PRODUCT	**SP30 | SP50 | SP80 | SP90 | SP95 | SP100**

RePEBOlen

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.

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