

HDPE 6100C

WITH CALCIUM CARBONATE

RePEBolen

plastic
second life

APPLICATIONS

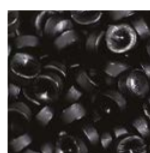


PIPES

corrugated pipes for telecommunications and drainage

scan to request more information

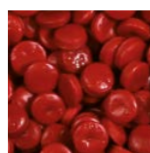
COLORE



black



grey



red



blue

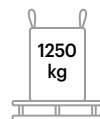


white

PACKAGING



25 kg
bags



1250
kg



TANK TRUCK

PROPERTY	UNIT	VALUE	TEST METHOD
MELT FLOW RATE*			
190°C - 2.16 kg	g/10 min	0.25 - 0.65	ISO 1133
190°C - 5 kg	g/10 min	1 - 2.5	ISO 1133
DENSITY*	g/cm ³	0.970 - 1.03	ISO 1183
MELTING POINT	°C	130 - 135	DSC
CARBON BLACK* (only black colour)	%	2 - 2.5%	ISO 6964
TENSILE STRAIN AT BREAK	%	> 450	ISO 527-1
TENSILE STRENGTH AT BREAK	MPa	20 - 26	ISO 527-1
O.I.T. 200°C*	minutes	-----	ISO 11357-6
HUMIDITY	ppm	< 600	Karl Fischer
SMELL	typical odour of regenerated materials		
OTHER POLYMERS	%	PP < 6 %	DSC
ASH, METALS	traces in the formulations of the original products, CaCO ₃ added		
CaCO₃*	%	5 - 10	TG

Product Notes:

Produced with recycled materials with the addition of masterbatches to improve UV resistance. Calcium carbonate (**CaCO₃**) is added to enhance mechanical properties, particularly crush resistance. 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.