

Technical Data Sheet

Repro HDPE 0290 white

Product Characteristics

HDPE 0290 white is a circular high-density polyethylene.

Sustainability

HDPE 0290 white contains at least 95% of postconsumer material from presorted municipal plastic packaging waste.

Recommended Applications

HDPE 0290 white is a general purpose Blowmoulding grade that can be used for Blowmoulded bottles ,non-pressure (corrugated) pipe and sheet extrusion applications.

This product consists of postconsumer waste and due to EU-regulations not validated for use in food, pharmaceutical or medical applications.

Properties	Units	Nominal Value ¹	Test method
Physical			
Density	kg/m ³	990	ISO 1183
Melt mass Flow Rate (MFR) 190°C, 2.16 kg	g/10 min	0,2	ISO 1133
Melt Volume flow Rate (MVR) 190°C, 5 kg	g/10 min	25.5	ISO 1133
Colour		white	
Ash content	%	5	ISO 34511-1/A/600°C
Filtration level	µm	150	-
Volatiles	%	< 0.2	ASTM D6980 at 120°C
Recycled content	%	> 95	EN 15343

Properties	Units	Nominal Value ¹	Test method
Mechanical			
Tensile modulus	MPa	825	ISO 527-2/1A/1
Tensile strength	MPa	23	ISO 527-2/1A/50
Tensile strain at break	%	60	ISO 527-2/1A/50
IZOD notched	kJ/m ²	20	ISO 180/A

¹⁾ The nominal values are typical value

Magma Plast for Manufacture

Piece no 6- industrial Area C5
10Th Of Ramadan City, Ash Sharqiyah,
Egypt
Tel.: +201223385122
Info@magmaplast.com
www.magmaplast.com