

Description

Circular Compound rPPC04GR is a low MFR polypropylene of dark grey color, containing at least 50% of post-consumer recycled (PCR) originating from post consumer household waste collected in Western European countries.

Circular Compound rPPC04GR is especially suited for injection molding applications. It is available in 1000 kg big-bag on 110x110 pallet or in bulk.

Circular Compound rPPC04GR is not intended for food contact, pharmaceutical or medical applications.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	4
Mechanical properties			
Flexural modulus	ISO 178	MPa	1450
Charpy Impact Strength (notched), 23°C	ISO 179/1eA	kJ/m ²	8
Charpy Impact Strength (notched), 0°C	ISO 179/1eA	kJ/m ²	4
Physical properties			
Recycled content	EN15343	%	>50
Colour	RAL		ca. 7005
Density	ISO 1183	g/cm ³	< 0.980
Ash content	ISO3451-1	%	< 2
Humidity @120°C		%	< 0,1
OIT @200°C		min	>10 min

Polypropylene



CIRCULAR COMPOUNDS

