



RAVAPURA®

PCR Compounds for
Caps & Closures

Ravago Manufacturing presents

RAVAPURA®



Incorporating recycled plastic content in caps and closures applications has become a key step for brand owners in the transition to providing more sustainable packaging solutions. This transition reflects both environmental responsibility and market demand, as companies look to reduce carbon footprints, conserve resources, and align with circular-economy principles.

Advances in material quality and processing technologies now make it possible for post-consumer recycled (PCR) plastics to meet the performance, safety, and aesthetic standards once achievable only with virgin resins. The result is a meaningful step toward packaging that supports long-term sustainability without compromising functionality or consumer experience.

Ravapura compounds combine certified PCR content with consistent, high quality in one single pellet. Customers can meet their sustainability targets without compromising on processability, appearance, mechanical performance and finished product final specifications.

By choosing Ravapura, caps & closures manufacturers can benefit from:

- PCR content for compliance with the EU's Packaging and Packaging Waste Regulation (PPWR)
- Good mechanical properties
- Virgin-like processability for drop-in replacement
- Good colorability
- Batch-to-batch consistency

Learn more about our recommended products for caps & closures applications.



RAVAPURA® PP 99XX SERIES

Polypropylene compound with 99% post-consumer recycled content.

MFI (230°C / 2.16kg)	g/10 min	15 - 90
Density	g/cm³	0.915
Flexural Modulus (23°C)	MPa	1250 - 1150
Izod Notched (23°C)	kJ/m²	6 - 4
Color	Light grey*	

RAVAPURA® PP 5020

Polypropylene compound with 50% post-consumer recycled content.

MFI (230°C / 2.16kg)	g/10 min	20
Density	g/cm³	0.906
Flexural Modulus (23°C)	MPa	1100
Izod Notched (23°C)	kJ/m²	8
Color	Light & medium grey*	



RAVAPURA® PP 9725

Polypropylene compound with 97% post-consumer recycled content.

MFI (230°C / 2.16kg)	g/10 min	25
Density	g/cm³	0.920
Flexural Modulus (23°C)	MPa	1200
Izod Notched (23°C)	kJ/m²	5
Color	Black	

RAVAPURA® PP 5040

Polypropylene compound with 50% post-consumer recycled content.

MFI (230°C / 2.16kg)	g/10 min	40
Density	g/cm³	0.906
Flexural Modulus (23°C)	MPa	1200
Izod Notched (23°C)	kJ/m²	8
Color	Medium grey*	



RAVAPURA® HDPE 9504

High-density polyethylene compound with 95% post-consumer recycled content.

MFI (190°C / 2.16kg)	g/10 min	4
Density	g/cm³	0.960
Flexural Modulus (23°C)	MPa	800
Izod Notched (23°C)	kJ/m²	5
Color	Dark grey	

RAVAPURA® HDPE 5004

High-density polyethylene compound with 50% post-consumer recycled content.

MFI (230°C / 2.16kg)	g/10 min	4
Density	g/cm³	0.962
Flexural Modulus (23°C)	MPa	850
Izod Notched (23°C)	kJ/m²	7
Color	Light & dark grey, black, red	



RAVAPURA® L7020

Low-density polyethylene compound with 70% post-consumer recycled content.

MFI (190°C / 2.16kg)	g/10 min	2
Density	g/cm³	0.915
Color	Natural, translucent	

RAVAPURA® LDPE 4560

Low-density polyethylene compound with 45% post-consumer recycled content.

MFI (190°C / 2.16kg)	g/10 min	6
Density	g/cm³	0.920
Flexural Modulus (23°C)	MPa	220
Izod Notched (23°C)	kJ/m²	NB
Color	Natural, translucent	



*Suitable for self-coloring

RAVAPURA® CAPS & CLOSURES APPLICATIONS



screw caps

aerosol caps



push on caps

detergent
measuring caps



push-pull caps



hinge caps



tap closures



Why choose Ravapura® compounds?



Choose grades with a range of post-consumer recycled content up to 99%.



Compounds are upcycled to meet required properties, such as with heat & UV resistance, or reinforcement options.



Ravapura products have several certifications and adhere to industry standards that ensure regulatory and quality compliance.



Many grades can be self-colored or colored by us upon request.



Reduce your product carbon footprint compared to using virgin compounds.



Experience excellent processability and consistent mechanical properties.



We offer technical and application support to ensure you reach your performance requirements.



Ravapura compounds are produced locally in Europe.

We are committed to developing Ravapura grades that exactly meet your needs, contact us to find out more about our latest developments and to see how we can work together.



Contact us now for more info:

info@ravagomanufacturing.com
www.ravagomanufacturing.com