



Ravapura[®]

PCR Compounds

Ravapura® PCR-based Compounds

Ravago presents Ravapura, our latest brand for guaranteed post-use recycled compounds. Ravapura compounds combine certified post-use or post-consumer recycled (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.



In 1961, when Raf Van Gorp founded the company, he pioneered the recycling of plastics through the development of treatment and formulation capabilities. From there, the company expanded to a global provider of plastic compounds, tailored to meet customer needs. It is this core skill of carefully selecting and combining the right recycled and virgin grades, that allows us to consistently deliver large volumes of high performance Ravapura products.

Why choose Ravapura compounds?

- Excellent processability & consistent mechanical properties
- Range of colors available
- RoHS/REACH compliant
- ISO 14021:2016 compliant
- QA-CER certified recycled content



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

Ravapura® LDPE

Ravapura LDPE combines excellent processing and consistent mechanical properties. It is most suitable for use in primary and secondary packaging applications.

Features & benefits:

- Available in natural color
- Produces fully transparent films with low gel level and minimal odor
- Used in monolayer and multilayer films, both in skin and core layers
- Options for tailor made compounds based on your specific needs
- Available with and without slip/antiblock package



Product Portfolio	Ravapura L70	Ravapura C70	Ravapura LC50
PCR content	70%	70%	50%
Virgin polymer	LDPE	LLDPE	LDPE + LLDPE
MFI (190°C – 2.16kg)	0.6 g/10 min	0.6 g/10 min	0.7 g/10 min
Density	0.92 g/cm ³	0.92 g/cm ³	0.92 g/cm ³
Dart impact strength	90 g	140 g	120 g
Elmendorf tear MD/TD	100/450 g	250/725 g	150/550 g
Tensile strength at break MD/TD	18/20 MPa	22/24 MPa	20/22 MPa
Elongation at break MD/TD	300/550 %	500/600 %	450/600 %

Ravapura® HDPE

Ravapura HDPE combines good processing with batch-to-batch mechanical property consistency. Our blow molding grades find use in a wide range of applications including non-food packaging, consumer goods and cosmetics packaging, and household goods. Applications for our injection molding grade include secondary packaging, industrial packaging and consumer electronics.

Features & benefits:

- Available in natural, white and a selection of grey colors
- Available in large batch sizes
- Produces items with consistent color, low gel level and minimal odor
- Options for tailor made compounds based on your specific needs

Product Portfolio	Ravapura HDPE 7525	Ravapura HDPE 5525	Ravapura HDPE 5004
Processing method	Blow molding	Blow molding	Injection molding
PCR content	75%	55%	50%
MFI (190°C – 2.16 kg)	0.25 g/10 min	0.27 g/10 min	4.0 g/10 min
Color	Natural, white, light grey, medium grey	Medium grey, dark grey	Light grey



Ravapura® PP

Ravapura PP combines good processing with batch-to-batch mechanical property consistency. It can be used in applications such as non-food packaging, household items and electronic appliances.

Features & benefits:

- Available in white, light grey and black, with other coloring possibilities
- No heavy metal contamination
- Further impact/stiffness optimization possibilities
- Options for tailor made compounds based on your specific needs

Product Portfolio	Ravapura PP 5020	Ravapura PP 3320
PCR content	50%	33%
MFI (230°C – 2.16kg)	20 g/10 min	20 g/10 min
Flexural modulus (23 °C)	1100 MPa	1130 MPa
Izod notched impact (23 °C)	8 kJ/m ²	6 kJ/m ²



Ravapura® HIPS

Ravapura HIPS compounds combine excellent processing and consistent mechanical properties. Typical applications include non-food packaging, household goods and electrical equipment applications.

Features & benefits:

- Available in white and grey, as well as custom colors upon request
- No heavy metal contamination
- Further impact/stiffness optimization possibilities subject to application requirements

Product Portfolio	Ravapura PS 5012	Ravapura PS 7010	Ravapura PS 5008
PCR content	50%	70%	50%
MFI (200°C – 5kg)	12 g/10 min	10 g/10 min	8 g/10 min
Tensile modulus (23 °C)	2000 MPa	1950 MPa	1900 MPa
Izod notched impact (23 °C)	8 kJ/m ²	7 kJ/m ²	9 kJ/m ²



Ravapura® ABS

Ravapura ABS combines excellent processing and consistent mechanical properties. It is most suitable for use in aesthetic applications such as small and large appliances, electrical boxes and furniture.

Features & benefits:

- Available in black and a selection of grey colors, as well as custom colors upon request
- Available in large batch sizes
- No heavy metal contamination
- Further impact/stiffness optimization possibilities subject to application requirements

Product Portfolio	Ravapura ABS 5025	Ravapura ABS 7022
PCR content	50%	70%
MFI (220°C – 10kg)	25 g/10 min	22 g/10 min
Izod notched impact (23 °C)	16 kJ/m ²	14 kJ/m ²
Gloss	High	Medium
RAL Color	9005-7016-7040-7035	9005-7016-7040



RAL 7035



RAL 7040



RAL 7016



RAL 9005

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