



INEOS

Olefins & Polymers Europe

Your partner in

 **Recycl-IN**

PP & PE

Sustainable solutions

INEOS

We make more out of
plastic waste by offering
a wide range of high value
products with recycled
content.

INEOS Olefins & Polymers Europe



PE & PP Sustainable Solutions

INEOS O&P Europe offers a range of hybrid ready-made polyolefin compounds for rigid and flexible applications

Product benefits

- / Ready to use hybrid compounds based on Post-Consumer Recyclates (PCR)
- / Contains specially developed booster resin to outperform PCR properties
- / PCR sourced through collaboration and partnership with waste management companies and recyclers

Product features

- / Quality consistency
- / Easy processing
- / Properties of use matching industry standards
- / Not for use in direct contact with food

By 2025, INEOS will:

- / Offer a range of polyolefin products for packaging applications in Europe containing 50% or more recycled content
- / Use, on average, 30% recycled content in products destined for polystyrene packaging in Europe
- / Incorporate at least 325kt/a of recycled material into products
- / Ensure 100% of polymer products can be recycled

// This isn't just a PR exercise. These are real targets that help to move our business to a more circular approach.

It won't eradicate the root causes of plastic waste and pollution but it will help change thinking about plastic waste, whilst making our business more resource efficient at the same time.

Peter Williams
Group Technology Director for INEOS

Sustainable Hybrid Component Product Range

Product	Properties Conditions Methods Units	MFR	MFR	Density	Flexural Modulus	N.Izod at RT	PCR content	Colour	Application
		190° C, 2.16kg ISO 1133 g/10 min	230° C, 2.16kg ISO 1133 g/10 min	23° C ISO 1183 kg/m ³	ISO 178 MPa	ISO 180/A kJ/m ²	%		
rHDPE	rHD5402	0.2	-	954	-	-	50	Natural	Natural grade for blow moulded bottles up to 10 liters, stiffness enhancer in coex films
rHDPE	rHD5402WT	0.25	-	970	-	-	50	White	White grade for blow moulded bottles up to 10 liters
rHDPE	rHD5402GY1	0.25	-	970	-	-	50	Dark Grey	Grey grade for blow moulded bottles up to 10 liters
rHDPE	rHD5620BK	1.8	-	956	-	-	50	Black	Non-food caps & closures, injection moulding of technical parts, crates...
rHDPE	rHD5620GY1	1.8	-	956	-	-	50	Dark Grey	Non-food caps & closures, injection moulding of technical parts, crates...
rHDPE	rHD5620GN1	1.8	-	956	-	-	50	Dark Green	Non-food caps & closures, injection moulding of technical parts, crates...
rLLDPE	rLL9110	1.3	-	914	-	-	60	Natural	Lamination film, heavy duty sacks, industrial film
rLLDPE	rLL9210	1.3	-	920	-	-	60	Natural	Blown stretch
rLLDPE	rLL9125	2.4	-	918	-	-	60	Natural	Cast stretch, masterbatch
rPP	rPP4015GY2	-	15	-	1400	6	65	Light Grey	Injection-moulding of technical parts, non-food caps, closures and trays
rPP	rPP1015GY1	-	15	-	1550	3.5	50	Dark Grey	Injection-moulding of technical parts, non-food caps, closures and trays

... many more  products will be launched in 2020!



About us

INEOS is one of the world's largest chemical companies, founded in 1998. INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

INEOS is a safe and environmentally responsible company. We are engaged in developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This includes products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.



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