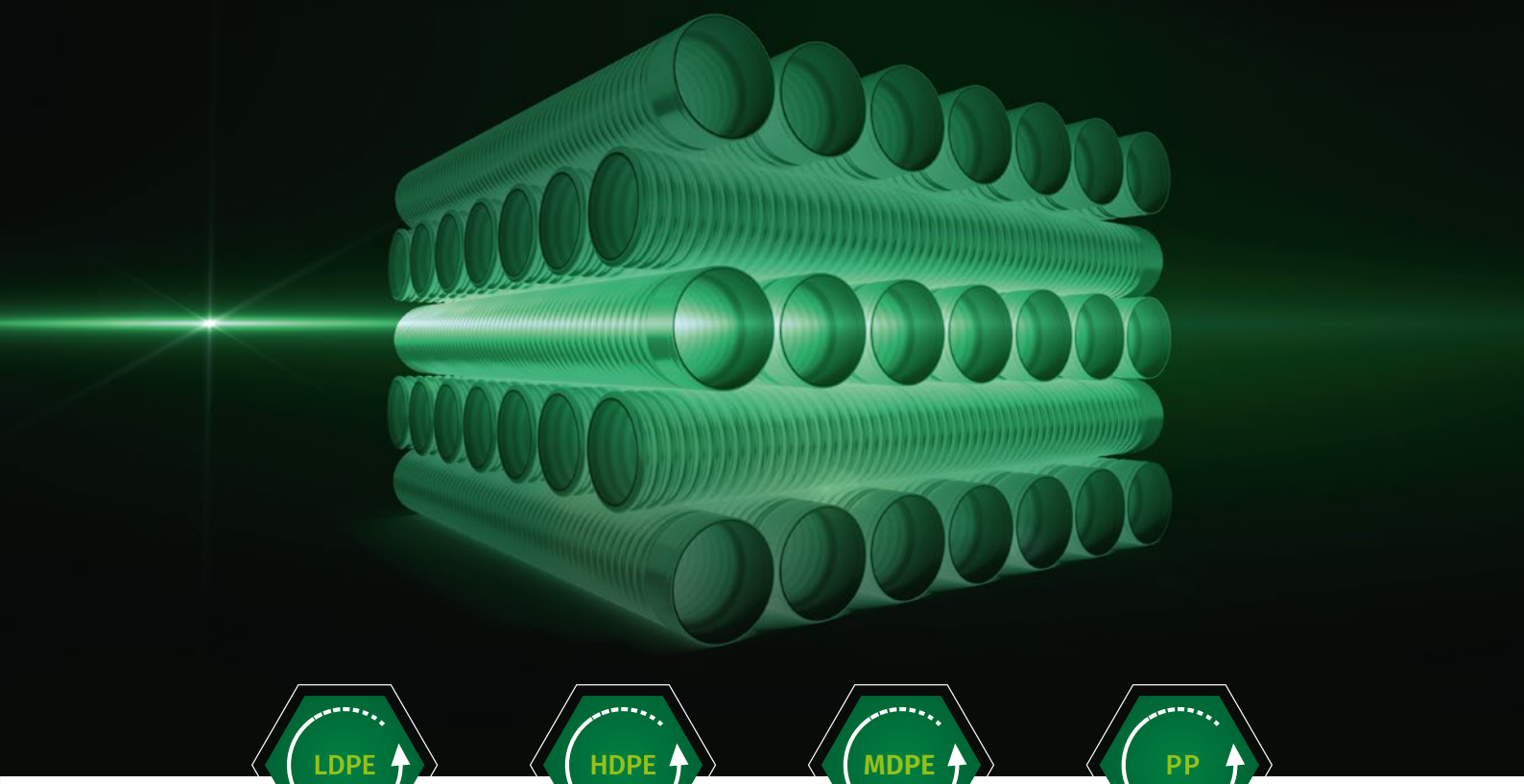
High quality Recyclates

for pipe and profile extrusion



LDPE HDPE MDPE PP

Possible applications for our recyclates in the pipe and profile extrusion industry

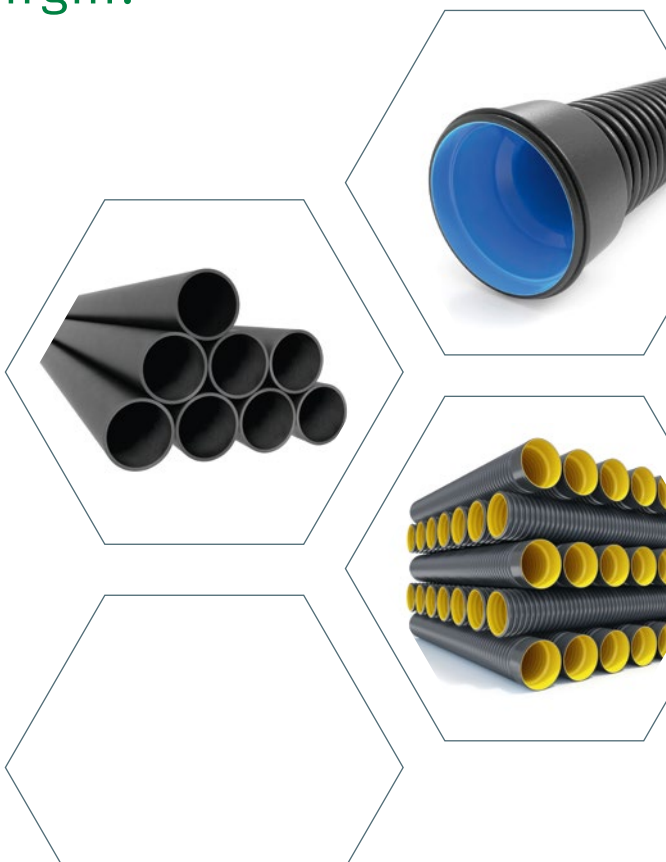
… or are you still using prime virgin?

For profile and pipe extrusion, RSH offers various LDPE, HDPE, MDPE and PP recyclates for the production of e.g. sewage or cable protection pipes, drains, sheets, shafts, profiles and corrugated pipes.

All our recyclates are:

- Laboratory tested
- With certificate of analysis per batch
- Available with technical data sheets & delivery specifications
- Reproducible
- Packed in big bags, octabins or silos

We have been carrying out high-quality toll processing in closed loops for many well-known customers for decades.



Product range of LDPE, HDPE, MDPE & PP recyclates

Our recyclates for pipe and profile extrusion

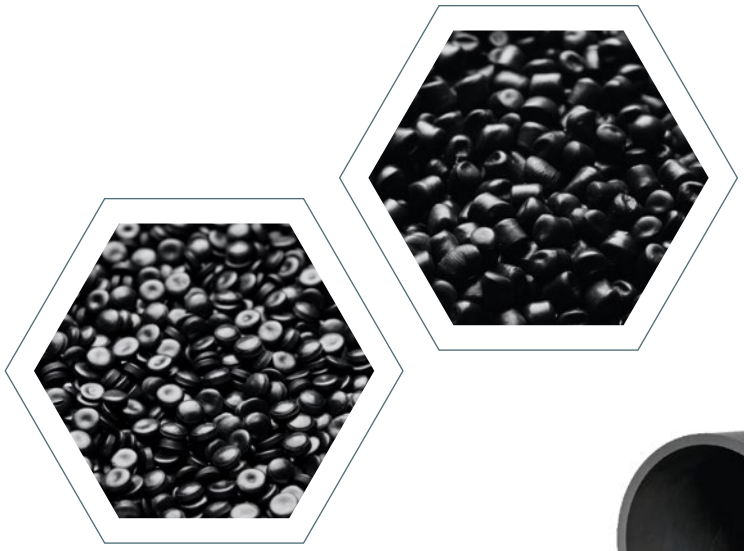
	rC / R*	Grade name	% PIR/ PCR	Other Colors	MFR (ISO 1133) g/10min	Density (ISO 1183) g/cm³	Impact Strength Notched (ISO 79/1eA) 23°C kJ/m²	Tensile Modulus (ISO 527) 1mm/min 23°C Mpa	Ash Content (ISO 3451) 625°C to constant mass %
PP	rC	RSH PP 0122 MF 40 mixed color	70/0	black	1,0 – 2,0 (230 °C / 2,16 kg)	1220	n.a.	2.200	n.a.
PP	rC	RSH PP 0112 MF 5 grey	90/0		0,5 – 1,0 (230 °C / 2,16 kg)	950	7	1.200	< 8
HDPE	R	RSH HDPE 5007 E + black	98/0		0,4 – 0,7 (190 °C / 5 kg)	955	n.a.	n.a.	n.a.
HDPE	R	RSH HDPE 5009 B black	98/0	grey-mixed color	0,5 – 0,9 (190 °C / 5 kg)	955	n.a.	n.a.	n.a.
HDPE	R	RSH HDPE 5009 E black	98/0		0,5 – 0,9 (190 °C / 5 kg)	955	n.a.	n.a.	n.a.
HDPE	R	RSH HDPE 5009 E + black	98/0		0,5 – 0,9 (190 °C / 5 kg)	955	n.a.	n.a.	n.a.
HDPE	R	RSH HDPE 5010 E black	98/0		0,5 – 1,0 (190 °C / 5 kg)	955	n.a.	n.a.	n.a.
HDPE	R	RSH HDPE 5010 E + black	98/0		0,5 – 1,0 (190 °C / 5 kg)	955	n.a.	n.a.	n.a.
LDPE	R	RSH LDPE 2010 F black	98/0		0,5 – 1,0 (190 °C / 2,16 kg)	930	n.a.	n.a.	n.a.
LDPE	R	RSH LDPE 2010 F + black	98/0		0,5 – 1,0 (190 °C / 2,16 kg)	930	n.a.	n.a.	n.a.
MDPE	R	RSH MDPE 3505 E black	ca 38/ ≥ 60		0,3 – 0,5 (190 °C / 2,16 kg)	935	n.a.	n.a.	n.a.
PPC	R	RSH PPC 1010 E black	98/0		0,5 – 1,0 (230 °C / 2,16 kg)	940	n.a.	n.a.	< 5
PPC	R	RSH PPC 1015 E black	98/0		1,0 – 1,5 (230 °C / 2,16 kg)	940	n.a.	n.a.	< 5
PPC	R	RSH PPC 1025 E black	98/0		1,5 – 2,5 (230 °C / 2,16 kg)	940	n.a.	n.a.	< 5
PPC	R	RSH PPC 1025 E PCR trans-parent	0/100	black	2,0 – 3,0 (230 °C / 2,16 kg)	920	n.a.	n.a.	< 5
PPC	R	RSH PPC 1035 E black	98/0		2,5 – 3,5 (230 °C / 2,16 kg)	940	n.a.	n.a.	< 5

*rC = rCompounds, R = Regranulates

Ask about other standard or tailor-made recyclates for your industry or processing method

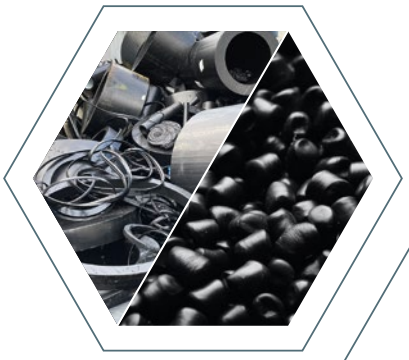
Automotive
Construction
Packaging
Consumer goods

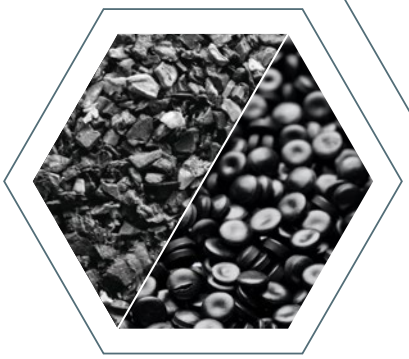


Recyclates from selected material streams

You have the choice

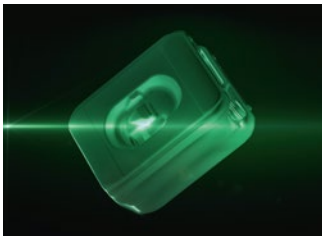


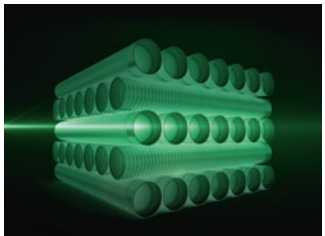


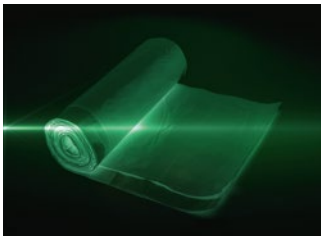
From post-industrial and post-consumer waste

- Clean and pure raw material base
- Constant processability
- Clean and plain surfaces
- Barely perceptible odor
- High pressure resistance
- Constant property levels
- Standard and premium grades depending on requirements

Blow molding
Extrusion
Injection
Film

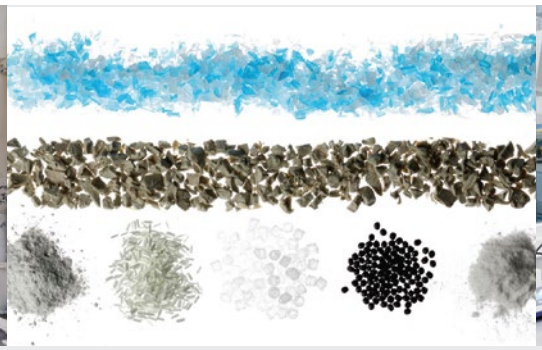






We stand for a true circular economy

Recyclates – „Made in Germany“



Production

- Batch homogenization up to 25 tons
- Storage in insulated warehouses
- Production on single- and double screw extruders
- Experienced employees with a lot of know-how
- Incorporation of additives, stabilizers and fillers

Development

- Tailor-made according to customer requirements
- In-house technical center with laboratory extruders
- Planning, testing and implementation of projects

Testing options laboratories

- Physical properties
- Mechanical properties
- Thermal properties
- Raw material analysis

You are on the safe side with us

reduce your carbon footprint

Co_2 Balancing

CO_2 Certificates per grade on request

Determination of the GWP (Global Warming Potential) for 1 kg of the recyclate

We have been a driving force in the circular economy since 1958

At RSH we focus on energyefficient production and the protection of the environment

DIN EN ISO 50001 – ZERTIFIZIERTES MANAGEMENTSYSTEM – ZER.QMS

ENTSORGUNGSFACHBETRIEB – Lagern, Behandeln, Verwerten – ZER.QMS

DIN EN ISO 9001 – ZERTIFIZIERTES MANAGEMENTSYSTEM – ZER.QMS

RecyClass
for designated products

www.rshpolymere.de

RSHPOLYMERE
... or are you still using prime virgin?

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