

Recycling Content TPE for Automotive



Our Know-how – Your Advantage

- More sustainable material
- Recycled raw materials content > 70%
- Reduced PCF compared to virgin compound
- Hardness range from 25 to 95 ShA
- Adhesion to PP
- Soft touch surface
- Controlled level of emission and odor, suitable for automotive interior
- Dry haptics
- In-process recycling possible
- Recycling-specific raw material influences are possible

Typical Applications

- Interior mats, e.g. floor, console, dashboard and door mats
- Active Grill Shutter (AGS)
- Air guide elements
- HVAC applications
- 2-component seals for doors



Picture: A2Mac1

Technical Data

RC/GP/FG Series		TC6GPZ-virgin	RR3GPZ-BLCK	RR6GPZ-BLCK	RR8GPZ-BLCK	RR0GPZ-BLCK
Recycling Content	%	0	74	74	77	77
Hardness	ShA	59	30	60	80	95
PCF	kgCO ₂ eq/kg kgCO ₂ eq/l	1.90 2.07	1.64 1.75	1.57 1.69	1.42 1.54	1.39 1.53
Density	g/cm ³	1.100	1.080	1.090	1.100	1.100
Tensile Strength	MPa	8.5	4.0	6.5	9.0	11.0
Color		black	black	black	black	black
Odor VDA 270 B-3	Rating	3.0	3.0	3.5	3.5	-
Fogging DIN 75201-B	mg (OEM limit: 2 mg)	0.300	1.400	1.030	1.045	1.245

Matthias Michl

Head of Automotive Application Development

"Our new RC/GP/FG series is the answer to the challenging and continuously rising sustainability requirements of the automotive industry. Recycling contents over 70% in combination with a significant carbon footprint reduction represent an unique selling proposition for your application. With our new compound technology, we are covering the entire hardness range from 30 to 95 Shore A, offering a product solution for a variety of technical applications."

TALK TO OUR EXPERTS!

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