



Our Know-how – Your Advantage

With a hardness-dependent post-industrial recycled content (PIR) of up to 38%, the new Interior PIR TPEs offer a compliant and ready-to-use material solution for automotive interiors. The compounds meet the requirements of OEMs and their suppliers, and make a significant contribution to meeting recycling quotas. In addition, they provide support for carbon footprint reduction while meeting requirements for emissions, fogging and odor. The TPE can be used for one component parts as well as in composite with polypropylene.

- Recycled content up to 38 %
- Meets common automotive interior requirements like emission, fogging and odor
 - » Emission VDA 278 VOC, Fog
 - » Fogging DIN 75201-B
 - » Odor VDA 270 B-3
- Good durability values
- High flowability
- Low density
- Adhesion to PP
- Hardness range 60-90 Shore A

Matthias Michl, Project leader:

“We are expanding our product range to include Interior PIR TPE in response to OEMs’ sustainability requests. We are sure that our customers will benefit greatly from the possibility of using recycling-based TPEs in vehicle interiors as well.”

Typical Applications

- Anti slip mats
- Floor mats
- Soft components in cupholders
- Anti vibration elements
- Fasteners



Pictures: A2Mac1

Technical Data

RC/FG Series		RI60IG-BLCK	RI70IG-BLCK	RI80IG-BLCK	RI90IG-BLCK
Recycled content	%	> 21	> 25	> 30	> 38
Hardness	Sh A	65	75	85	92
Density	g/cm ³	0.930	0.940	0.940	0.930
Tensile strength	MPa	7.0	9.0	11.0	16.0
Elongation at break	%	800	750	750	726
Flow spiral	cm	83	78	70	63
Abrasion	mm ³	264	167	132	49
Emission VDA 278 VOC, Fog	µg/g	225 / 1150	283 / 1280	339 / 1220	-
Fogging DIN 75201-B	mg	0.74	0.66	0.69	0.81
Odor VDA 270 B-3	Rating	3.5	3.5	3.5	-

TALK TO OUR EXPERTS!

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