



### Our Know-how – Your Advantage

The RC/PCR/AM series is your material solution with a post-consumer recycled content of 13-44% (depending on hardness) for a wide range of applications with adhesion to PP or for single-component parts. The compounds in the series are available in grey and can be colored in a variety of ways.

- Hardness range from 40-90 Shore A
- Hardness-dependent PCR content from 13-44%
- Adhesion to PP
- Colorable\*
- Supply chain with local sourcing
- Optimal mechanical properties and flowability
- US FDA CFR 21 (raw material conformity for indirect food contact)
- Sustainable material

\*Color possibilities may vary. Please discuss with in-house color specialist for further details.

### Ehab Hadi, Product Engineer

“At KRAIBURG TPE, we believe strongly in developing sustainability as a core competence. This PCR series is a great step to satisfying the market demand in the Americas by working with our suppliers and customers to tackle the challenges of creating innovative products apace with circular economy.”

### Typical Applications

- Grip elements
- Caps and closure systems
- Seals for housings and boxes
- Soft touch application (e.g. handles or push buttons)



### Technical Data

RC/PCR/AM Series		RC40GU-GREY	RC60GU-GREY	RC90GU-GREY
Recycled Content	%	13	22	44
Hardness	Sh A	40	60	90
Density	g/cm <sup>3</sup>	0.891	0.894	0.900
Tensile strength	MPa	8.2	7.6	9.6
Elongation at break	%	891	745	515
Tear resistance	N/mm	10.7	17.6	40.0
CS 72h/RT	%	20	35	53
Flow Spiral	cm	97	92	77

### TALK TO OUR EXPERTS!

**KRAIBURG TPE GMBH & CO. KG - EUROPE, MIDDLE EAST, AFRICA**

✉ [info@kraiburg-tpe.com](mailto:info@kraiburg-tpe.com)

**KRAIBURG TPE TECHNOLOGY (M) SDN. BHD. - ASIA PACIFIC**

✉ [info-asia@kraiburg-tpe.com](mailto:info-asia@kraiburg-tpe.com)

**KRAIBURG TPE CORPORATION - AMERICAS**

✉ [info-america@kraiburg-tpe.com](mailto:info-america@kraiburg-tpe.com)