



Our Know-how – Your Advantage

The RC/PCR series is your material solution with a post-consumer recycled content of 13-40% (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 natural colors and can be colored in a variety of ways.

Gray PCR compounds are also available. KRAIBURG TPE's in-house colorists will be happy to advise on the colorability of these variants.

- Hardness range from 40-90 Shore A
- Hardness-dependent PCR content from 13-40%
- Adhesion to PP
- Colorability with natural PCR Grades
- Reliable quality and availability
- Good mechanical properties and flowability
- REACH, SVHC and RoHS
- Sustainable material

Jan Bothe, Product Developer

"The focus of the new developments was that KRAIBURG TPE wants to offer customers a mature alternative to our most sought-after compounds. Universal PCR TPE is our multi-tool in the field of compounds with recycled content of between 13 and 40 % that come from recycled materials, such as from households or commercial as well as industrial waste streams."

Typical Applications

- Grip elements
- Function and design elements
- Caps and closure systems
- Fasteners
- Seals for housings and boxes
- Cable management systems
- Components for sewage technology



Technical Data

Universal PCR TPE		RC4OGG-NTRL	RC9OGG-NTRL	HTC9480/134
Recycled Content	%	13	41	23
Hardness	Sh A	40	90	60
Density	g/cm ³	0.890	0.890	0.890
Tensile strength	MPa	5.0	6.0	5.0
Elongation at break	%	650	400	500
Tear resistance	N/mm	8.5	27.0	15.0
CS 72h/RT	%	26	60	35
Flow Spiral	cm	108	85	93
Color		natural	natural	gray

TALK TO OUR EXPERTS!

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