



Our Know-how – Your Advantage

- Recycling content up to 80% based on PCR raw materials
- Hardness range from 30-90 ShA
- Wide range of coloring possibilities
- Adhesion to unpolar Thermoplastics e.g. PP
- Very good flowability
- REACH, RoHS conformity
- Meets requirement of EN71-3
- PAH-free
- Reliable quality and availability
- External recycling content verification by UL

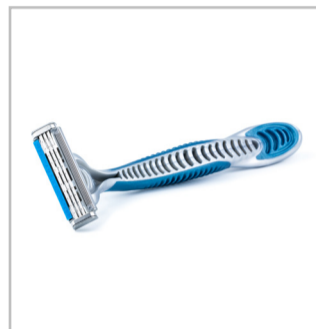
Eugen Andert

Project leader

With our second generation of Universal PCR TPEs, we are continuing our sustainable product strategy: We've combined our experience from the previous product generation with customer requirements, resulting in our second generation of recycling-based non-polar TPEs with a very high PCR content of up to 80% in natural colors.

Typical Applications

- Grip applications
- Soft Touch
- Function and design elements
- Razors
- Toys
- Sports and leisure applications
- Caps and closures
- Fasteners



Technical Data

RC/PCR2 Series		RC30GD-NTRL	RC50GD-NTRL	RC90GD-NTRL
Recycling Content	%	70	71	80
Color		Natural	Natural	Natural
Hardness	ShA	30	50	90
Density	g/cm ³	0.860	0.870	0.880
Tensile Strength	MPa	5.0	5.0	5.0
Elongation at Break	%	600	550	450
Tear Resistance	N/mm	8.0	10.0	22.0
Flow Spiral	cm	124	118	94

TALK TO OUR EXPERTS!

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

✉ info@kraiburg-tpe.com

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

✉ info-asia@kraiburg-tpe.com

KRAIBURG TPE CORPORATION - AMERICAS

✉ info-america@kraiburg-tpe.com