



Our Know-how – Your Advantage

The new RC/FC/PCR/AP series is your material solution with a post-consumer recycled content of 9-38% (hardness-dependent) for everyday consumer applications in the Asia Pacific market. They comply with FDA food contact regulatory standards. The series is characterized by its PP adhesion and is available in natural and translucent colors can be colored in many different ways to deliver colorful, trendy and food safe applications.

- Hardness range 30 to 90 Sh A
- Adhesion to PP or for single component parts
- Post-consumer recycled content from 9-38%
- Good haptics
- Low odor
- Optimized mechanical properties
- All raw materials conform to (FDA) CFR21 standards
- REACH SVHC and RoHS compliances
- Processible by injection molding
- Pre-coloration available in-house
- Sustainable material

Low Shwu Ping Product Developer

“KRAIBURG TPE is raising sustainability awareness with a mature alternative through our Asia Pacific targeted RC/PCR/AP & RC/FC/PCR/AP series. This new innovation is our multi-tool in the field of compounds comprising of post-consumer recycled content.”

Typical Applications

- Razors
- Toys
- Toothbrushes
- Household Articles



Technical Data

	Unit	Standard	RF40GM-NTRL	RF60GM-NTRL	RF80GM-NTRL
Recycled Content	%		12	17	25
Hardness	ShA	DIN ISO 7619-1	42	62	80
Density	g/cm ³	DIN EN ISO 1183-1	0.92	0.92	0.93
Tensile Strength	MPa	DIN 53504/ISO 37	7.0	10.5	18.0
Elong. at Break	%	DIN 53504/ISO 37	930	860	800
Tear Resistance	N/mm	DIN ISO 34-1	10.5	17.0	30.0
Color			Natural	Natural	Natural

	Unit	Standard	RF50GM-LCNT	RF70GM-LCNT	RF90GM-LCNT
Recycled Content	%		15	25	38
Hardness	ShA	DIN ISO 7619-1	50	72	90
Density	g/cm ³	DIN EN ISO 1183-1	0.88	0.89	0.90
Tensile Strength	MPa	DIN 53504/ISO 37	4.0	8.5	20.0
Elong. at Break	%	DIN 53504/ISO 37	650	630	630
Tear Resistance	N/mm	DIN ISO 34-1	11.5	20.0	35.0
Color			Translucent	Translucent	Translucent

TALK TO OUR EXPERTS!

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