



Our Know-how – Your Advantage

- More sustainable TPE material
- Recycling contents up to 60% based on a combination of PIR and PCR materials
- Hardness range from 40–80 ShA
- Wide range of coloring possibilities
- Adhesion to Polyamides like PA6, PA 6.6
- Very good flowability
- US FDA CFR 21 (raw material conformity)
- REACH, RoHS conformity
- PAH-free
- Reliable quality and availability

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Project leader

“We are excited to launch the first TPEs with recycling content in combination with adhesion to Polyamides. These more sustainable TPEs can be used for a wide range of Consumer and Industry applications, enabling us at the same time to close recycling loops and to continue our steps towards a more sustainable future.”

Typical Applications

- Grip applications
- Soft Touch
- Function and design elements
- Overmolded housings
- Fasteners



Technical Data

| RC/AD/PA Series | | RR4NGD-NTRL | RR5NGD-NTRL | RR8NGD-NTRL |
|---------------------|-------------------|-------------|-------------|-------------|
| Recycling Content | % | 60 | 58 | 49 |
| Color | | Natural | Natural | Natural |
| Hardness | ShA | 40 | 50 | 80 |
| Density | g/cm ³ | 0.995 | 0.990 | 0.980 |
| Tensile Strength | MPa | 5.0 | 6.5 | 9.0 |
| Elongation at Break | % | 700 | 700 | 700 |
| Tear Resistance | N/mm | 10.0 | 12.0 | 22.0 |
| Adhesion to PA 6 | N/mm | 4.1 (D) | 5.2 (D) | 8.7 (D) |
| Adhesion to PA 6.6 | N/mm | 4.2 (D) | 5.2 (D) | 7.8 (D) |

TALK TO OUR EXPERTS!

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