



GREEN WORLD COMPOUNDING

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Reference

ALFACOM® 30CRH NATURAL

Description

- Recycled glass fiber (PIR) reinforced recycled PP (PCR), chemically coupled.
- 100% recycled compound.
- Natural color.

Properties

| Physical properties | Method | Range |
|--|---------------|-----------------------|
| Melt Mass Flow Rate, MFR (230°C, 2,16kg) | ISO 1133 | 9 - 14 g/10 min |
| Glass Fiber content | ISO 3451-1, A | 27 - 33 % |
| Mechanical properties | Method | Range |
| Tensile strength at break 50 mm/min | ISO 527-1,-2 | 60 – 80 MPa |
| Tensile modulus 1 mm/min | ISO 527-1,-2 | 5.000 – 6.000 MPa |
| Tensile strain at break 50mm/min | ISO 527-1,-2 | 3 - 5 % |
| Flexural strength at break 2 mm/min | ISO 178 | 80 - 100 MPa |
| Flexural modulus 2mm/min | ISO 178 | 4.500 – 5.500 MPa |
| Charpy impact strength (eU, 23°C) | ISO 179-1 | ≥30 kJ/m ² |

Orientative values based on ISO norms and GWC test method; not to be construed as specifications.

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