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Recycled plastic fence post

Brown

Data sheet



Contains:

- Polyethylene-Polypropylene-PET-polypropylene with fiberglass
- UV stabilizer- Coloring agent RAL 8017

The mixing ratios are always the same for consistent quality

Work with solid recycled plastic:

Recycled plastic fence post can be fixed with concrete or with a tractor post driver. Pilot hole is recommended. Can be drilled, and cut like wood, HSS drill bit and metal/wood sawblade is recommended.

Essential characteristics:

- Size: 100x100x2000mm with a spike
- Raw material: Recycled plastic
- Density (average) 0.987±0.010 g/cm³
MSZ EN ISO 1183-1:2019 (Method “A”)
- Bending strength (average) > 13 MPa
MSZ EN ISO 178:2019
- Relative dimensional change in the longitudinal direction due to heat (average value) (70 °C, 1 hour)
+0.008% / MSZ EN 479:2018

Weather resistance (UV resistance), 1000 hours of exposure - bending strength after UV aging (average value) - impact resistance (1000 g, 1 m), at 23 °C, after UV aging

-no change is visible, >13 MPa no damage/no change / MSZ EN 513:2018 (Method 2) MSZ EN ISO 178:2019 MSZ EN 477:2018

Aging due to heat (80 °C, 50 days) - bending strength after thermal aging (average value)

-no change is visible, >13 MPa
EAD 030350-00-0402 2.2.10 MSZ EN ISO 178:2019

Dimensional accuracy - side width - relative curvature

+5 / -0 mm MSZ EN 12839:2012

Moisture absorption (ISO 175) <0.2 wt%
-100% Recyclable
-Does not freeze or crack

Results of tensile strength test Screw

-Screw size: 4x50 mm

-Drag speed: 10 mm/min (not pre-drilled holes)

-Average pulling force: 2595 N +/-6% variance