

Technical Data Sheet

Groundworks panels made of Polypropylene

Properties

- Good chemical resistance
- Easy to processing by cutting and welding, and easy to clean
- Impact resistant and tear-proof
- Sound absorbing and thermally insulating
- Environmentally friendly because the base polypropylene is recyclable

Technical data

▪ Temperature range	-20° to +80° C
▪ HDT B (0,45 MPA)	+95° C
▪ Vicat softening point A (10N)	+150° C
▪ Density	0,9 g/cm ³
▪ Flexural modulus	1400 MPa
▪ Elongation at break	70 %
▪ Impact strength (notched)	+23° C 45 KJ/m ²
	0° C 10 KJ/m ²
	-20° C 6 KJ/m ²

Chemical resistance

Polypropylene is generally resistant against most chemicals at temperatures ≤ 50° C proof. Some solvents can cause swelling. Also some substances can cause discoloration irreversible. In case of doubt, tests must be done by user.

Tolerances

Length (from current production)	± 0,3 %
Width (from current production)	± 1 mm/m
Sheet thickness tolerance	± 5 %
Thickness over the surface	± 0.1 mm
Thermal expansion	1-2 mm/m / 10° C
Weight tolerance	> -3 %
Angle	± 0.3 %

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