

pQ-plastic made from non-recyclable plastic waste

a 'Triple Green' product

Made from non-recyclable mixed plastic waste and remains 100% recyclable (circular economy).
Is CO2 emission negative, saves trees and helps to meet your sustainability goals.

- Easy to cut, mill, drill, nail or screw
- Excellent nail and screw retention
- Outstanding performance in wet conditions
- Low flame spread. Optional DIN 4102 B1/M2
- 50+ years lifespan

Physical & Mechanical properties			
Property	Standard	Units	Results
Density	ISO 1183-2	g/cm3	0,9-1,2
Water absorption	ISO 62	%	0,06
Surface hardness	ISO 59	Shore D	62
Tensile strength	ISO 527	MPa	21,9
Elongation at break	ISO 527	%	5,3
Impact Resistance	ISO 179	kJ/m2	8,55
Bending resistance	ISO 178	MPa	No break
Compression (Pressure) Resistance	ISO 604	MPa	> 58
Impact elasticity	ISO 4662	%	15
Heat Transfer Coefficient	ISO 8302	W/m.K	0,18
Electric resistivity	ISO 257	M Ohm	7,5
Melting Point	ISO 11357	C°	121

Chemical resistance				
Chemical	Very good	Good	Average	Poor
Mineral oil				
Aceton				
Acetic acid				
Ammoniac				
Detergents				
Ethyl alcohol				
Methyl alcohol				
Glycerine				
Toluene				
Sodium hydroxide				
Hydrochloric acid				
Sulphuric acid				
Sodium hypochlorite				

