

## Technical Data Sheet



# Maywogreen PS PCR<sup>®</sup> 1227

### Typical characteristics

- RoHS-compliant

### Typical industries

- Vacuum Forming

### Sustainability

- Post-Consumer-Recycling material
- The use of recycled materials conserves valuable resources

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,07
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	20
Elongation at break	DIN EN ISO 527	%	40
Notched impact strength	DIN EN ISO 179	kJ / m <sup>2</sup>	4
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	> 170 °C
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	90
<b>Electrical properties</b>			
Surface resistivity	DIN EN 61340	Ohm	> 10 <sup>12</sup>
Volume resistivity	DIN EN 61340	Ohm	> 10 <sup>12</sup>

The information and recommendations contained in this document are based upon data collected by Röchling Maywo and believed to be correct. However, no warranty of fitness for use or any other guarantees or warranty of any kind, expressed or implied, is made to the information contained herein, and Röchling Maywo assumes no responsibility for the results of the use of products and processes described herein.

\* For classification according DIN 4102, the finished component has to be tested.

#### Röchling Industrial Allgäu GmbH

Hinter den Gärten 20 • 87730 Bad Grönenbach/Germany (DE) • Tel. +49 8334 9857-0  
 info@roechling-maywo.de • www.roechling.com/industrial/groenenbach

Print: 02/05/2024 • Release: 20/09/2023 • Version: 2.0  
 PIM-Version: 62 • PIM-ID: 718500 • PIM-Code: 62-23-10-4-4.4-8

