

Technical Data Sheet



Maywogreen PS PCR[®] 1227

PS

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
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,07
Mechanical properties			
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 ²	4
Thermal properties			
Melting temperature	ISO 11357-3	°C	> 170 °C
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	90
Electrical properties			
Surface resistivity	DIN EN 61340	Ω	> 10 ¹²
Volume resistivity	DIN EN 61340	Ω	> 10 ¹²

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

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