

### Technical Data Sheet



# Play-Tec<sup>®</sup> UV-stabilized PCR bicolor

#### Typical characteristics

- Physiologically safe
- UV-stabilized and colourfast
- Good machinability
- UV-resistant

#### Typical industries

- Sports & Leisure
- Playground
- Ship & Boatbuilding
- Working and Recreational Boats

#### Sustainability

- Core made of 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>	>0,96
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	>18
Tensile modulus of elasticity	DIN EN ISO 527	MPa	>900
Notched impact strength	DIN EN ISO 11542	kJ / m <sup>2</sup>	>4
Shore hardness	DIN EN ISO 868	scale D	>60
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	130 ... 135
Thermal conductivity	DIN 52612-1	W / (m * K)	0,40
Thermal capacity	DIN 52612	kJ / (kg * K)	1,90
Service temperature, long term	Average	°C	-30 ... 80

The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.

#### Röchling Industrial SE & Co. KG

Röchlingstr. 1 • 49733 Haren (Ems)/Germany (DE) • Tel. +49 5934 701-0  
 info@roechling-plastics.com • www.roechling.com/industrial/haren

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