

## Technical Data Sheet



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

PE-HD / PE 300

### Typical characteristics

- Physiologically safe
- UV-stabilized
- Colourfast
- Good machinability
- UV-resistant

### Typical industries

- Sport et loisirs
- Aires de jeux
- Construction navale
- Bateaux de plaisance et bateaux de travail

### 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>			
Densité	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.

[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

