

Technical Data Sheet



Play-Tec[®] UV-stabilized PCR black

PE-HD / PE 300

Typical characteristics

- Physiologically safe
- UV-stabilized
- 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
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	>0,96
Mechanical properties			
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 ²	>4
Shore hardness	DIN EN ISO 868	scale D	>60
Thermal properties			
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

