

## テクニカルデータシート

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

PE-HD / PE 300

## 製品の特徴

- 身体に安全
- 良好な機械加工性
- UV耐性

## 製品の用途例

- スポーツ・レジャー
- 遊技場
- 船およびボート
- ボート

## Sustainability

- Post-Consumer-Recycling material used as base polymer for core and outer layers
- The use of recycled materials conserves valuable resources

	試験法	単位	値
<b>一般的物性</b>			
密度	DIN EN ISO 1183-1	g / cm <sup>3</sup>	>0,96
燃焼性 (厚み 3 mm / 6 mm)	UL 94		HB
燃焼性 (厚み 3 - 10 mm)	DIN 4102		B2
<b>機械的物性</b>			
引張降伏応力	DIN EN ISO 527	MPa	>25
降伏伸び	DIN EN ISO 527	%	>8
引張破壊呼び歪	DIN EN ISO 527	%	>235
引張弾性率	DIN EN ISO 527	MPa	>1200
ノッチ付き衝撃耐性	DIN EN ISO 11542		/
ノッチ付き衝撃強度 (室温)	DIN EN ISO 179 EA1	kJ / m <sup>2</sup>	>4
Notched impact strength, < 0°C	DIN EN ISO 179 EA1	kJ / m <sup>2</sup>	>3
ショア硬度	DIN EN ISO 868	scale D	>60
<b>熱的物性</b>			
融点	ISO 11357-3	°C	130 ... 135
ガラス転移温度	ISO 11357-3	°C	~ -60
熱伝導率	DIN 52612-1	W / (m * K)	0,40
熱容量	DIN 52612	kJ / (kg * K)	1,90
使用温度 (長期)	平均値	°C	-30 ... 80
Heat storage behavior lengthwise	ISO 14632	%	0,05
Heat storage behavior crosswise	ISO 14632	%	0,04

ri-inquiry@roechling.com • www.roechling.com/industrial/materials



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)

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