

## Technical Data Sheet

# Polystone<sup>®</sup> DR confetti black

PE-HD / PE 500

### Typical characteristics

- Good sliding properties
- Good mechanical properties

### Typical industries

- 기계 공학 산업

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	>0,94
Water absorption	DIN EN ISO 62	%	<0,01
Flammability (Thickness 3 mm / 6 mm)	UL 94		HB
<b>Mechanical properties</b>			
Yield stress	DIN EN ISO 527	MPa	>19
Tensile modulus of elasticity	DIN EN ISO 527	MPa	>700
Shore hardness	DIN EN ISO 868	scale D	>60
Compressive strength	ISO 3597-3	N/mm <sup>2</sup>	3 - 6
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	130 ... 135
Thermal conductivity	DIN 52612-1	W / (m * K)	0,41
Thermal capacity	DIN 52612	kJ / (kg * K)	1,90
Service temperature, long term	Average	°C	-20 ... 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.

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