

Technical Data Sheet

Foamlite[®] P 652 + UV-stabilized white

Typical characteristics

- Baja densidad
- Buena relación calidad-precio
- Casi no hay absorción de humedad.
- resistente a los rayos UV

Typical industries

- Tecnología estable y tecnología de alimentación.
- Rotulación
- Tecnología agrícola
- Construcción de vehículos
- Vehículos industriales y especiales

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	0,65
Water absorption	DIN EN ISO 62	%	<0,1
Flammability (Thickness 3 mm / 6 mm)	UL 94		HB
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	>18
Tensile modulus of elasticity	DIN EN ISO 527	MPa	>1000
Notched impact strength	DIN EN ISO 179	kJ / m ²	>20
Shore hardness	DIN EN ISO 868	scale D	>65
Thermal properties			
Melting temperature	ISO 11357-3	°C	162 ... 167
Thermal conductivity	DIN 52612-1	W / (m * K)	<0,15
Thermal capacity	DIN 52612	kJ / (kg * K)	1,70
Coefficient of linear thermal expansion	DIN 53752	10 ⁻⁶ / K	120 ... 190
Service temperature, long term	Average	°C	-10 ... 90
Service temperature, short term (max.)	Average	°C	150
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	80
Electrical properties			
Dielectric constant	IEC 60250		2,3

	Test method	Unit	Guideline value
Volume resistivity	DIN EN 62631-3-1	Ohm * cm	$>10^{14}$
Surface resistivity	DIN EN 62631-3-2	Ohm	$>10^{14}$

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

Print: 01/05/2024 • Release: 20/09/2023 • Version: 1.0

PIM-Version: 403 • PIM-ID: 591178 • PIM-Code: 403-5-12.10.9.14-7.9.6.6.7-5

Page 2 / 2 (Dates in DD/MM/YYYY)

