

# Material

## PE E084

white

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### Physical properties

**nominal range**

**typical  
values**

**Density**

DIN EN ISO 1183-1, 23 °C

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0.93

g/cm<sup>3</sup>

**Hardness**

DIN EN ISO 868, Shore D

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61

Shore

**Ball indentation hardness**

DIN EN ISO 2039-1, 23 °C

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35

MPa

**Tensile strength**

DIN EN ISO 527-2, 1 B

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35

MPa

**Elongation at break**

DIN EN ISO 527-2, 1 B

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300

%

**Tensile modulus**

DIN EN ISO 527-2/1 B, 23 °C

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700

MPa

**Notched impact strength**

DIN EN ISO 11542-2

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190

kJ/m<sup>2</sup>

**Thermal conductivity**

wire method

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0.41

W/m\*K

**Temperature range**

to 80°C

**Declarations of conformity**

No data found!

### Freudenberg

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**No ASTM D2000 properties available**

UV stabilised

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories process and the component geometry.

The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisons do not plan for something else.

**Freudenberg**

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