

Material

PA PA007605

natural

revision index

1

revision date

1/8/2018

page

1 / 2

Physical properties

	nominal range	typical values	
Density DIN EN ISO 1183-1	1.14 ±0.02	1.14	g/cm ³
Hardness DIN 53505, Shore D	82 ±5	82	Shore
Tensile Stress at Yield DIN EN ISO 527	---	75	MPa
Elongation at break DIN EN ISO 527	> 50	---	%
E-modulus DIN EN ISO 527	---	3200	MPa
humidity absorption DIN EN ISO 62	---	3	%
Ball indentation hardness DIN EN ISO 62	---	160	MPa
Melting point	---	220	°C
Heat Deflection Temperature DIN EN ISO 75 A, 1,8 MPa	---	167	°F

Declarations of conformity

This overview is purely informative and does not constitute a declaration of conformity (DoC). Please refer to the actual declaration of conformity (DoC) including the conditions and its validity period.

Country	Part	Remark	Expires
Info ROHS and ELV		EU 2000/53 (ELV) including EU 2011/65 and EU2015/863 (ROHS III)	see DoC

Freudenberg

Freudenberg Industrial Services GmbH
 Global Material Technology
 Nadja Güldner
 Telefon: -
 Fax: -
 Email: FIS.Compound.CRC@fst.com

Material

PA PA007605

natural

revision index

1

revision date

1/8/2018

page 2 / 2

No ASTM D2000 properties available

Flammability UL 94 (ISO 1210) HB 3 mm / 6 mm - pass

The given values are based on a limited number of tests on standard test pieces (2mm sheets). The data from finished parts can deviate from above values depending on the manufacturing 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 provisions do not plan for something else.

Freudenberg

Freudenberg Industrial Services GmbH
Global Material Technology
Nadja Güldner
Telefon: -
Fax: -
Email: FIS.Compound.CRC@fst.com