

Technical data sheet in accordance with ASTM

Material

PTFE PT009808

black

with carbon + graphite

revision index	revision date	page	1 / 2
1	9/26/2017		

Physical properties	nominal range	typical values	
Density ASTM D 792	2.10 ±0.02	2.10	g/cm ³
Tensile strength ASTM D 638	---	22	MPa
Elongation at break ASTM D 638	---	250	%
Ball indentation hardness DIN 53456	---	28	MPa
Temperature range	-150°C to 250°C		

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
Conflict Mineral Free			see certificate		<input checked="" type="checkbox"/>
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

Freudenberg

Freudenberg Industrial Services GmbH
 Global Material Technology
 Nadja Güldner
 Telefon: +49 40 66989 279
 Fax: +49 40 66989 9279
 Email: nadja.gueldner@fst.com

Technical data sheet in accordance with ASTM

Material

PTFE PT009808

black

with carbon + graphite

revision index

1

revision date

9/26/2017

page

2 / 2

No ASTM D2000 properties available

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: +49 40 66989 279

Fax: +49 40 66989 9279

Email: nadja.gueldner@fst.com