Freudenberg
Sealing Technologies

Material
PTFE 10 F 56101

black

PTFE-carbon compound

revision index	revision date		
1	10/19/2009	**page**	1 / 2

Physical properties	**required**	**actual**	
Density ASTM D 792, 23 °C	2.16 ±0.04	2.16	g/cm³
Hardness ASTM D 2240 Typ D, Shore D, 23 °C	58 ±3	57.7	Shore
Ball indentation hardness DIN EN ISO 2039-1, 23 °C	27 ±2	26.95	MPa
Tensile strength ASTM D 638, SPI, 23 °C, UR	---	17.9	MPa
Elongation at Break ASTM D 638, SPI, 23 °C, UR	---	254	%

Material
PTFE 10 F 56101

black

PTFE-carbon compound

revision index	revision date		
1	10/19/2009	**page**	2 / 2

No ASTM D2000 properties available

This material is characterized by good resistance to abrasion and good thermal conductivity. To a large extent the material is resistant to chemicals
Temperature range: -200° to +260 °C

The given values are based on a limited number of tests on standard test pieces 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.