



# PF Wear Max

## BTPF40 LIGHT BLUE

- Low friction coefficient
- High load carrying capacity
- Good chemical resistance
- No electro-chemical corrosion in aqueous solution
- Nonmagnetic/low water uptake
- No stick slip
- Can be used for piston and rod seals

### Mechanical, Physical and Thermal Properties

Properties		Value	Unit
Colour		Light Blue	
Hardness	Rockwell	100	HRM
Compressive Strength	Static	290	MPa
	Dynamic	80	MPa
Impact Strength	IZOD	66	J/m <sup>2</sup>
Density		≥ 190	g/cm <sup>3</sup>
Swell In Water	% To Wall Thickness*	0.08	%
Friction Coefficient	Oil Lubricated	0.02	DIN 52612
Sliding Speed		1	m/s
Minimum Service Temperature		-40	°C
Maximum Service Temperature		120	°C
Coefficient Of Linear Thermal Expansion	Normal to laminate	70-80	10 <sup>-6</sup> /°C
	Parallel to laminate	50-60	10 <sup>-6</sup> /°C

\*24 hour immersion at 20°C water (2.5mm wall thickness)

