



Unit 10
 Torbay Business Park
 Wood View Road
 Paignton
 Devon
 TQ4 7HP

MACHINIST OF PTFE COMPONENTS AND OTHER
 HIGH PERFORMANCE ENGINEERING PLASTICS

Tel 01803 540262
 Fax 01803 540263
 E-mail sales@aseal.co.uk

Material Specification Sheet

PEEK & PVX PEEK

Mechanical Properties

Specific Gravity		1.30 g/cm ³	PVX 1.48
Tensile Strength		92 MPa	PVX 84
Elongation @ Break		?	
Hardness		88 Shore D	
Coefficient of friction		0.3 / 0.38	
Moisture Absorbion		0.025%	

Thermal Properties

Maximum Working Temperature		+ 300°C
Minimum Working Temperature		+ °C
Operating Temperature		+ 260°C
Melting Temperature		+ 341°C

Characteristics

PEEK :-	Good Chemical Resistance, Self Lubricating, Thermal Stability, Contamination Resistance, Mechanical Strength.
PVX :-	Contains 10% Carbon fibre, PTFE, Graphite.

