



## PHYSICAL (SPECIFICATION) PROPERTIES

TEI STYLE NO.: TE-480-X

DESCRIPTION: 80a TFEP (Aflas)

REQUIREMENT	QUALIFICATION VALUE	CONTROL LIMITS	TYPICAL
Hardness, ASTM D 2240, Shore A or ASTM 1415, IRHD	80a	+/- 5	

### NORMAL PHYSICAL PROPERTIES

*ASTM D 1412 OR ASTM D 1414*

REQUIREMENT	QUALIFICATION VALUE	CONTROL LIMITS	TYPICAL
Tensile Strength, <i>psi</i>	1800	min.	
Tensile Stress at 50% Elongation, <i>psi</i>	N/A		
Tensile Stress at 100% Elongation, <i>psi</i>	1400	min	
Tensile Stress at 300% Elongation, <i>psi</i>	N/A		
Ultimate Elongation, %	125	min.	
<u>Compression Set</u> , ASTM D 1414 or ASTM D 395, Method B, Type 1, 70 hrs. at 212 °F (100 °C), % Original Deflection	N/A		
<u>Compression Set</u> , ASTM D 395, Method B, Type 1, 22 hrs. at 212 °F, % of Original Deflection	35	max.	
<u>Heat-Aged Physical Properties</u> , 70 hrs. at 300 °F, (retention of tensile strength, %)	50	min.	
<u>Fluid Resistance</u> , Diesel Fuel, 70 hrs. at 300 °F, volume change, %	50	max.	