

TF2016 is a rigid woven friction material with a medium friction coefficient. TF2016 is a heavy duty material for clutches. Manufactured with draft yarn and aramid fibers, it is recommended for commercial vehicles, especially where thermal conditions are high.

Friction Properties

Static Friction Coefficient (15bar, from box): $0.53 \pm 0.05 \mu$
 Static Friction Coefficient (15bar, 100°C): $0.55 \pm 0.05 \mu$
 Dynamic Friction Coefficient: $0.50 \pm 0.05 \mu$
 Wear Rate [mm^3/kWh]: 30 (at 150°C/302°F)
 T Fading: $>350^\circ\text{C}/662^\circ\text{F}$

Physical Properties

Hardness (DIN53505): 80 ± 5 ShoreD
 Specific Gravity (ASTM D792): 1.7 ± 0.05 gr/cm³
 Ignition Loss (ASTM D-2524): 50 ± 2 %
 Compressive Strength (ISO 844:2014): 120 ± 10 N/mm²
 Burst Resistant (200 x 137 x 3.5) 200°C: 12000 ± 100 RPM

Thermal Properties

Maximum Intermittent Operating Temp: 1220/482 °F/°C
 Maximum Continuous Operating Temp: 400/662 °F/°C

Material Type: Kevlar Clutch Friction

Appearance/Formats:

Rings, Gears, Clutches
 Blocks, Bonded Parts
 Sheets

Applications

Heavy Duty Automotive Clutches
 Heavy Truck Clutches
 Many Types of Industrial Clutches

Compliance: Reach(EC)1907/2023 & RoHS2015/863/EU

Additional

Recommended Mating Surfaces: Pearlitic Cast Iron with Hardness HB150-200.
 Recommended Adhesive: Thermosetting.
 Oil Resistant: Yes.

The above data is taken from specific test parameters, therefore results can vary in differing application conditions

