

## Friction Material:SWR-YELLOW

## Technical Data

Is a flexible yellow woven friction material composed by 3 axis carded yarn carded yarns. Its a dense tough material which exhibits resistance to heat and compression under

### Description Material

**Type:** Flexible woven friction material

**Availability:** Rolls

**Applications:** Static brakes

Machinery Mining industries

Machinery Marine industries

Heavy-duty industrial machinery

Heavy loaded Winches and Cranes

### Friction propeties (F.A.S.T test)

**Dynamic Friction Coefficient (@79N, 7m/s):**  $0.70 \pm 0.05 \mu$

**Wear Rate (@79N, 7m/s):**  $350 \pm 10 \text{ mm}^3/\text{Kwh}$

**T° Fading (@100N, 11.5m/s):** 245°C

### Physical Propeties

**Hardness (DIN53505):**  $65 \pm 5 \text{ Shore-D}$

**Specific Gravity (ASTM D792-91):**  $1.22 \pm 0.05 \text{ gr/cm}^3$

### Mechanical Properties

**Compressive Strength (UNE 53205):**  $170 \text{ N/mm}^2$

### Recommended working values

**T° Max. Continuous Operation:** 230°C

**T° Max. Intermittent Operation:** 280°C

**Maximum unit pressure:**  $16 \text{ Kg/cm}^2$

**Maximun velocity:** 15m/s

### Others

**Recommended Mating Surface:** Perlitic cast iron, hardness HB150-200

**Recommended Adhesives:** Thermosetting adhesive.

**Oil Resistant:** Yes