ONE OF EUROPE'S LARGEST SUPPLIERS OF PERFORMANCE MATERIALS

PRODUCT INFORMATION

LEATHEROID / VULCANIZED FIBRE

INFORMATION

Leatheroid / Vulcanized fibre is a cellulose material. It is prepared using unsized cotton rag paper and mineral acid. The material is generally supplied in a blue/grey colour

APPLICATIONS

Leatheroid has excellent insulation properties and is used extensively in the electrical industry to insulate hot elements such as contact terminals.

SPECIFICATION

Nominal Thickness	0.25mm	0.40mm	0.50mm
Thickness in mm tolerance	+/-0.2	± 0.04	0.50 ± 0.05
Grammage	284 ± 25 (g/m²)	490 ± 50 (g/m²)	630 ± 63 (g/m²)
Density AT (g/cm³)	≥ 1.22 (g/cm³)	≥ 1.35 (g/cm³)	≥ 1.39 (g/m³)
Resistance to Delamination (lbf/in³)	≥ 1.378 (lbf/in³)	≥ 1.0 (N/cm²)	≥ 1.05 (N/cm²)
Tensile Strength – C.D (lbf/in²)	≥ 6.525 (lbf/in²)	≥ 4.5 (N/cm²)	≥ 4.50 (N/cm²)
Tensile Strength – M.D (lbf/in²)	≥ 10.15 (lbf/in²)	≥ 7.0 (N/cm²)	≥ 7.0 (N/cm²)
Stretch at breaking point – C.D (%)	≥ 11.0	≥ 15.0	≥ 18.0
Stretch at breaking point – M.D (%)	≥ 4.0	≥ 6.0	≥ 8.0
Moisture Content (%)	7.0 ± 1.0	7.0 ± 1.0	7.0 ± 1.0
Conductivity of aqueous Extract (µS/cm)	≤ 120	≤ 120.0	≤ 120.0
pH – Value of aqueous Extract	7.0 – 8.5	7.0 - 8.5	7.0 – 8.5