

Datasheet for Tube23

Date: Jul-5-2022

| Series | Items | Specification | Result | Remarks |
|--------|--|---------------|--------|---|
| 1 | Electrical Resistance (Ω/dm^2) | ≤ 0.0045 | 0.0025 | Soaking 4hrs in $1.3\text{g}/\text{cm}^3$ Sulfuric Acid at temperature 27°C |
| 2 | Force Deformation (N) | ≥ 60 | 85 | Force Deformation reaches 50% |
| 3 | Tensile Strength (N) | ≥ 300 | 350 | Using 1cm length tube |
| 4 | Porosity (%) | ≥ 55 | 58 | |
| 5 | Weight loss in Sulfuric Acid | $\leq 1.0\%$ | 0.3% | Soaking 168hrs in $1.3\text{g}/\text{cm}^3$ Sulfuric Acid at temperature 70°C |
| 6 | Content of Chlorine (%) | ≤ 0.003 | Null | |
| 7 | Potassium Hypermanganate (ml/g) | ≤ 22 | null | |
| 8 | Oxidation test % | < 0.5 | 0.12 | |
| 9 | dimension | - | | Inner diameter 6.2mm Pitch 7.2mm Outer diameter 6.9mm Length 1000mm |