

# Datasheet for Tube34

Date: Jul-5-2022

Series	Items	Specification	Result	Remarks
1	Electrical Resistance ( $\Omega/\text{dm}^2$ )	$\leq 0.0045$	0.0025	Soaking 4hrs in $1.3\text{g}/\text{cm}^3$ Sulfuric Acid at temperature $27^\circ\text{C}$
2	Force Deformation (N)	$\geq 60$	85	Force Deformation reaches 50%
3	Tensile Strength (N)	$\geq 300$	350	Using 1cm length tube
4	Porosity (%)	$\geq 55$	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 $70^\circ\text{C}$
6	Content of Chlorine (%)	$\leq 0.003$	Null	
7	Potassium Hypermanganate (ml/g)	$\leq 22$	null	
8	Oxidation test %	$< 0.5$	0.12	
9	dimension	-		Inner diameter 8.4mm Pitch 9.7mm Outer diameter 9.1mm Length 920mm