

Test Method: SATRA TM184

RESOTECH ABRASION RESISTANCE OF LEATHER

MODEL NO. RESOTECH SCH-022



This method is intended to determine the abrasion resistance of leather. The method is mainly applicable to leather used as footwear soling material but can be used with any type of heavy leather.

Principle

A circular test specimen under a constant force is placed in contact with a rotating cylinder covered with a standard abrasive cloth. The test specimen is then moved along the length of the cylinder so that it traverses a helical path in contact with the abrasive. The thickness of leather abraded per thousand revolutions of the cylinder is calculated. The severity of the abradant is verified by abrading a reference material.

REFERENCES

This Test Method does not reference any additional Standards or Test Methods.

TYPE

- Abrasion

Usages

- Solings - leather

Specification

MODEL	RESOTECH SCH-022
Rigid table	210X30mm
Speed	13.5±1.0mm/min
Holders	25.5±0.5±mmX25.5±5mm
Stroke	75±2mm
Frequency	30±5cycles /min
Square ferrous metal plate	2
load	0.56kgcm ² (81b/in ²)
POWER SUPPLY	1φAC 220V 50/60HZ
STANDARD	SATRATM84