

AC EMPA 224 TESTS

SUMMARY OF REPORT FROM AWTA ON EMPA 224 SWATCHES

AWTA Product Testing – EMPA 224 test for Tensile Strength Damage, Chemical Damage and Mechanical Damage
TEST NO: 7-556761-NN

Tensile Strength Properties (Overall decrease in breaking force)	Aust Standard AS4146-2000 Maximum Loss Allowed 25%	Ozone Wash 8.2%	Pass	Hot Wash 37%	Fail
Percentage of Chemical Wear	13%	1%	Pass	17.50%	Fail
Percentage of Mechanical Damage		7.20%		29.50%	

Hot water wash with chemicals at 65oC

12% more tensile strength damage than AS4146-200 requirements
4.5% more chemical damage than AS4146-200 requirements
22.3% more mechanical damage than with OTEK wash

Cold water wash with chemicals and OTEK ozone system

16.8% less tensile strength damage than AS4146-2000 requirements
12% less chemical damage than AS4146-2000 requirements
22.3% less mechanical damage than with hot wash