

## 건축자재 인증 및 시험 관련 규격

### 1. Analysis of one TPO membrane per ASTM D6878/D6878M-13.

아래는 적용되는 분석기법입니다.

ASTM D 6878/D : Brittleness Point per ASTM D2137, Method B

ASTM D 6878/D : Ozone Resistance per ASTM D 1149 (Exposed to 100 mPa ozone in air @40°C, wrapped around a 3" mandrel for 166 hrs exposure) -  
OUTSOURCED

ASTM D 6878/D : Breaking Strength per ASTM D751, grab method - MD

ASTM D 6878/D : Breaking Strength per ASTM D751, grab method - XMD

ASTM D 6878/D : Elongation at Reinforcement Break per ASTM D751, grab method - MD

ASTM D 6878/D : Elongation at Reinforcement Break per ASTM D751, grab method -  
XMD

ASTM D 6878/D : Factory Seam Strength @ 2 in/min (12 in x 1 in specimen) per ASTM  
D751, grab method

ASTM D 6878/D : Heat Aging, 5376 hrs (224 days) @ 116°C, per ASTM D573

ASTM D 6878/D : Linear Dimensional Change, 6 hr @ 70°C (158°F), per ASTM D1204

ASTM D 6878/D : Post Heat Aging: Breaking Strength per ASTM D751, grab method -  
MD

ASTM D 6878/D : Post Heat Aging: Breaking Strength per ASTM D751, grab method -  
XMD

ASTM D 6878/D : Post Heat Aging: Elongation at Reinforcement Break per ASTM D751,  
grab method - MD

ASTM D 6878/D : Post Heat Aging: Elongation at Reinforcement Break per ASTM D751,  
grab method - XMD

ASTM D 6878/D : Post Heat Aging: Tearing Strength, 2 in/min (8 in x 8 in specimen) per  
ASTMD751 - MD

ASTM D 6878/D : Post Heat Aging: Tearing Strength, 2 in/min (8 in x 8 in specimen) per  
ASTMD751 - XMD

ASTM D 6878/D : Post Heat Aging: Weight Change (mass)

ASTM D 6878/D : Tearing Strength, 2 in/min (8 in x 8 in specimen), per ASTM D751 - MD

ASTM D 6878/D : Tearing Strength, 2 in/min (8 in x 8 in specimen), per ASTM D751 -  
XMD

ASTM D 6878/D : Thickness, Coating Over Fabric or Scrim (weathering side only) per  
ASTM D7635

ASTM D 6878/D : Thickness, Sheet-Overall per ASTM D751

ASTM D 6878/D : Water Absorption, 166 hrs @ 70°C (158°F) (mass) per ASTM D471 –  
Performed on top coating material ONLY

ASTM D 6878/D : Weather Resistance per ASTM G 155 at 0.35 W/(m<sup>2</sup>•nm) at 340 nm  
(8000 hrs)