STAT－EFW

（STAT-Excellent Film Weatherability）

High-performance anti-static with weathering film

There is no concern about the migration of the antistatic agent , because this film is used by a polymer type non-charged resin. Sustainable type that maintains antistatic properties even in low temperature, high temperature, and high temperature and high humidity environments. Highly safe film with antistatic performance close to conductivity.

〈Features〉

・High spec film with surface resistance of $10^8\Omega$
(Measurement environment: 23 ° C × 50% RH)
・There is not humidity dependence, and Static Decay time is extremely short, and stable surface resistance is maintained.
・Excellent weather resistance due to the use of a weather stabilizer.

〈Product properties〉

Item	Unit	Measurements			
Surface resistance level	Ω	Temperature23℃ Humidity50%		Outside	3.5×10^8
				Inside	3.9×10^8
Static Decay Rate	sec	5000V→50V（1% decay） Temperature 23℃ MD direction		Outside	0.01
				Inside	0.01
Tensile strength	N/ cm^2	MD	2982	JIS Z-1702	
		TD	2788		
Tensile elongation	%	MD	674		
		TD	829		
Tear strength	N/cm	MD	182	JIS K-7128-2	
		TD	2360		

〈Weather resistance evaluation data〉

UV irradiation time [h]	Surface resistance level [Ω]	Weather resistance test: test machine and contents
0	4.8×10^8	Using accelerated weathering test machine UV lamp wavelength 295～450nm UV illumination 120W/㎡ During irradiation 63±3℃(BP temperature) 50±10%RH Cycle time Irradiation / condensation＝102min/18min (Showering when condensation occurs) Another lot producsts.
180 (3 months equivalent)	4.6×10^{10}	

※These are not guarantee value

Techno Stat Industry Co., Ltd