

STATEX® 18

Polypropylene
ITW FORMEX

Message:

STATEX® 18 is a Polypropylene material. It is available in Asia Pacific or North America.
Important attributes of STATEX® 18 are:
Flame Rated
REACH Compliant
RoHS Compliant
Flame Retardant
Antistatic

General Information			
UL YellowCard	E256266-102238914		
Additive	Antistatic		
	Flame Retardant		
Features	Antistatic		
	Electrically Insulating		
	Flame Retardant		
	Low Moisture Absorption		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988	g/cm ³	ASTM D792
Water Absorption (Saturation)	0.010	%	ASTM D570
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	360 to 560	µm	ASTM D882
Tensile Strength			
MD : Yield	33.1	MPa	
TD : Yield	24.8	MPa	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	106	°C	ASTM D648
RTI Elec	100	°C	UL 746
RTI Str	100	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10 to 1.0E+12	ohms	ASTM D257
Volume Resistivity	1.5E+17	ohms · cm	ASTM D257

Dielectric Strength	60	kV/mm	ASTM D149
Dielectric Constant	2.30		ASTM D150
Dissipation Factor	9.0E-4		ASTM D150
Comparative Tracking Index (CTI)	600	V	ASTM D3638
High Amp Arc Ignition (HAI)	23.0		UL 746
High Voltage Arc Tracking Rate (HVTR)	0.00	mm/min	UL 746
Hot-wire Ignition (HWI)	11	sec	UL 746
Dielectric Breakdown	27500	V	ASTM D149
Static Decay	< 2.0	sec	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	28	%	ASTM D2863

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Recommended distributors for this material

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