

FORMEX® GK-10

Polypropylene
ITW FORMEX

Message:

FORMEX® GK-10 is a Polypropylene material. It is available in Asia Pacific or North America.
Important attributes of FORMEX® GK-10 are:
Flame Rated
REACH Compliant
RoHS Compliant
Flame Retardant
Insulating

General Information			
UL YellowCard	E256266-100851807	E256266-100875247	
Additive	Flame Retardant		
Features	Electrically Insulating		
	Flame Retardant		
	Low Moisture Absorption		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
	Natural Color		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Water Absorption (Saturation)	0.060	%	ASTM D570
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	180 to 330	µm	ASTM D882
Tensile Strength			
MD : Yield	30.3	MPa	
TD : Yield	22.1	MPa	ASTM D2578
Treatment	> 50	dyne/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	121	°C	ASTM D648
RTI Elec	115	°C	UL 746
RTI Str	115	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.0E+15	ohms·cm	ASTM D257
Dielectric Strength	87	kV/mm	ASTM D149

Dielectric Constant	2.30		ASTM D150
Dissipation Factor	1.9E-3		ASTM D150
Comparative Tracking Index (CTI)	600	V	ASTM D3638
High Amp Arc Ignition (HAI)	200		UL 746
High Voltage Arc Tracking Rate (HVTR)	0.00	mm/min	UL 746
Hot-wire Ignition (HWI)	7.0	sec	UL 746
Dielectric Breakdown	22000	V	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	VTM-0		UL 94
Oxygen Index	29	%	ASTM D2863

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

