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Technical Data Sheet

Kopalon Tube DPFF

Film Highlights: 'DPFF' is a flame-retardant heat-shrink tube. It is halogen free and meets UL standards. It also satisfies the demand for environmentally friendly components (non chlorine components). It is ideal for insulation and protection for electronic devices.

1. Approvals UL224 File No. E104115

2. Properties [UL224]

Properties	Item	Requirements	Typical Values
Density		-	1.30
Shrinkage		Boiled water 30 sec.	MD 7% X TD43%
Mechanical	Tensile Strength	Min. 10.4Mpa	70Mpa
	Elongation	Min. 200%	420%
	Heat Shock	250C x 4hours, no crack	Pass
	Cold Bend	-30C x 1hour, no crack	Pass
Electrical	Voltage Resistance	AC2.5kV x 60sec., no breakdown	Pass
	Dielectric Strength	Min. AC2.5kV/mm	113kV/mm
	Volume Resistivity	Min. 1.0×10^{14} · cm	Over 1.7×10^{14} · cm
Chemical	Corrosion against Bare Copper	158C x 7days, no corrosion after leaving under humidity 95%, 23C x 24hours	Pass
	Flammability	Flame-retardant, pass ALL TUBING FLAME TEST	Pass

(Note) Above figures are measured values, not guaranteed.

3. Colors Red, Dark green, Dark brown

4. Film Capability (Nominal Size)

- (1) Thickness: 0.05~0.15mm
- (2) Lay flat: 25~70mm. Product can be ordered in increments of **mm.
- (3) Roll Lengths: 400~1000 meters
- (4) Minimum Order Size: 3,000 meters