

Material (PVC Compound)

No.	Item	Name		
1	Kind of Material	PVC Compound		
2	Manufacturer	RIKEN (THAILAND) CO.,LTD.	TOSOH POLYVIN CORPORATION	Mitsubishi Chemical (Thailand) Co., Ltd.
3	Product Code	IHT-8218	TPQF-015	AT-8072
4	Color	White, Yellow		

Characteristics

- Category of Heat-resistance
Heat-resistance Temp. This product shall satisfy 105°C
- Dielectric voltage withstand and breakdown: 60 second at 2500V
- Flammability: This product is equivalent to VW-1

Item		Unit	Specification	
Specific gravity		-	1.30±0.05	
Tensile test	Tensile Strength	Mpa	Min 15	
	Elongation	%	Min 300	
Tensile test after heating	136 ±3 °C x 168 hrs	Residual tensile strength rate	%	Min 80
		Residual elongation rate	%	Min 80
Oil Resistance	70 ±2 °C x 4 hrs	Residual tensile strength rate	%	Min 80
		Residual elongation rate	%	Min 80
Heat Deformation		%	Max 25	
Brittleness temp.		°C	Max -20	
Heat Stability		Hr	Min 2.0	
Volume Resistivity	30 ±0.5 °C	Ohm-cm	Min 1.00E13	
Hardness (at 15 sec., 3mm, 24hrs. At 23 ± 2°C for Riken)		HD-A	82±5	
The rate of heat contraction (at 100°C x 2hrs)		%	Max -5	