

# NIKAPLY®

PPS film used high functional compound insulation film S-series



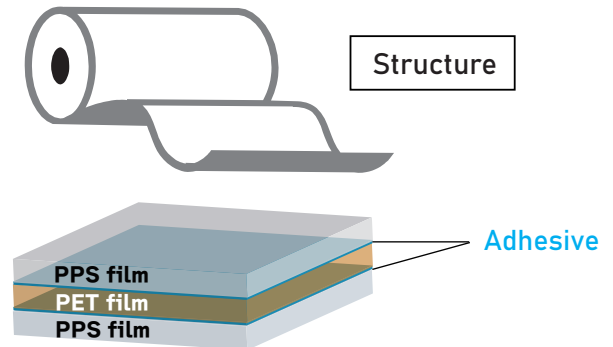
# SLS

### Application

Insulation for EV/HEV driving motor and compressor motor (wedge, slot, phase)

## Features

The insulation film has superior hydrolysis resistance, chemical resistance (oil resistance) and long-term reliability under high temperature and high humidity. Excellent durability, processability, coil insertability are balanced by compounding PPS film and PET film.



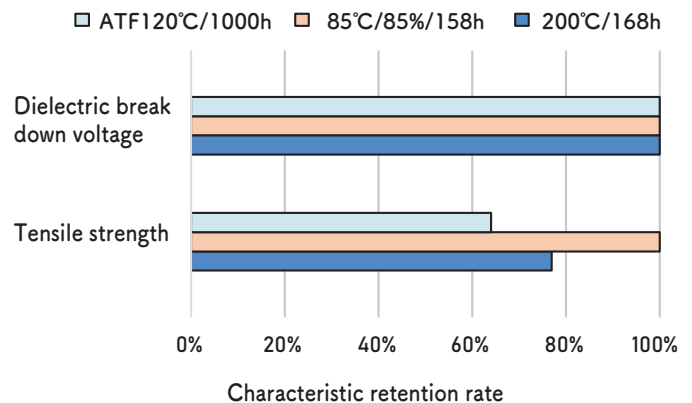
Adhesive : AT→acrylic type, E→epoxy type

## Representative characteristics

### Properties

Item	Unit	#171	#296
Total thickness	μm	171	296
Tensile strength	N/10mm	303	474
Elongation	%	79	53
Dielectric break down voltage	kV	19	24
Tracking resistance	kV	300	350

### Durability



## Structure

Product		#100	#121	#171	#234	#250	#296	#346
Structure	PPS	16	16	16	16	16	16	16
	Adhesive	9	7	7	7	15	7	7
	PET	50	75	125	188	188	250	300
	Adhesive	9	7	7	7	15	7	7
	PPS	16	16	16	16	16	16	16
Total thickness	μm	100	121	171	234	250	296	346