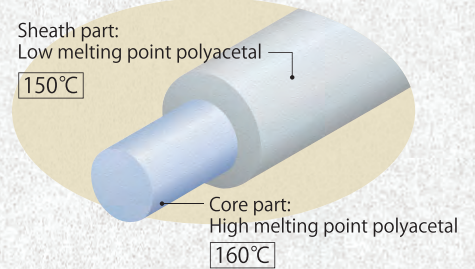


# Gasoline, Organic Solvent Proof Binding Fiber

# New Binding Fiber POM

New Binding Fiber POM is a thermal bonding sheath-core bi-component fiber consisting of high melting point polyacetal (POM) as the core component and lower melting point polyacetal as the sheath component.

[Section of the bi-component fiber]



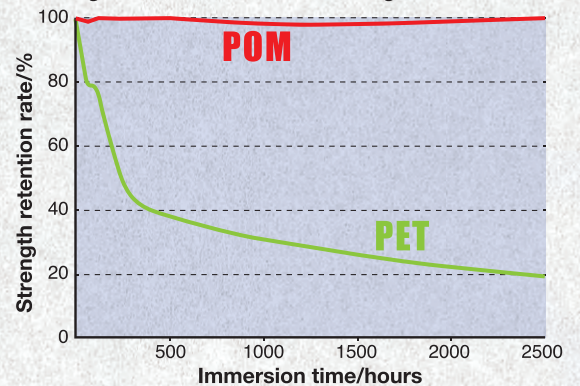
## Features

- 1 Being a sheath-core type composite fiber, it can be used as a binder. Therefore, all polyacetal nonwoven can be prepared.
- 2 Being consisted of polyacetal resin, it is superior in organic-solvent proof (like gasoline, grease), alkali proof, and acid proof (except for strong acid) properties.
- 3 The fiber property is relatively strong and almost equal to those of PET fiber. Therefore, regular use at 100°C is available.
- 4 It has relatively high water absorption rate among synthetic fiber (water absorption rate: 2 %).

## Application

- Filtration for gasoline
- Filter material
- Wiping cloth

## Strength retention test at oxidized gasoline immersion



Daiwabo Co., Ltd.