

# Cellulose Acetate Resin

Cellulose Acetate is a polymer partially made from plant-derived raw materials.

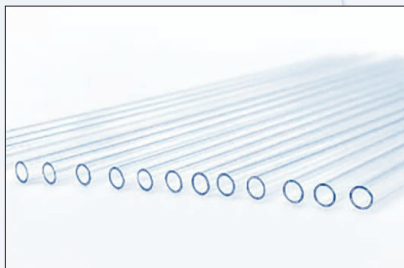
The raw material of cellulose acetate is mainly wood pulp.

We can supply the resin for molding.

## ■ Grades

|                                             |         |                      | E025 | E027 | P027 | R027 |
|---------------------------------------------|---------|----------------------|------|------|------|------|
| MFR(230°C)                                  | g/10min | JIS-K7210            | 1.4  | 14   | 6.8  | 6.7  |
| Density                                     | -       | JIS-K7112            | 1.3  | 1.3  | 1.3  | 1.3  |
| Tear Strength                               | MPa     | JIS-K7161            | 81   | 46   | 61   | 29   |
| Tensile Strength                            | %       | JIS-K7161            | 6.8  | 13   | 12   | 35   |
| Elastic Modulus                             | MPa     | JIS-K7171            | 4000 | 2520 | 2770 | 1730 |
| Bending Strength                            | MPa     | JIS-K7171            | 116  | 57   | 75   | 38   |
| Sharpie Impact Value                        | kJ/m2   | JIS-K7111            | 4.9  | 13   | 11   | 22   |
| Molding Shrinkage                           | %       | Original Test Method | 0.6  | 0.4  | 0.18 | 0.11 |
| Denstermal Deformatite Temperature(0.45mpa) | °C      | JIS-K719-2           | 113  | 68   | 93   | 66   |

## ■ Applications



Cellulose Acetate has excellent processability and transparency.

We have variety of grades for moulding method.

# Cellulose Acetate Sheets

We supply transparent sheets made of Cellulose acetate.

## ■ Features

Transparency

Heat Sealable

Flexibility Same  
As Commodity  
Plastic Film

## ■ Grades

|                              |     |    | CA P030-50 | CA P030-300 | CA P030-800 | Test method |
|------------------------------|-----|----|------------|-------------|-------------|-------------|
| Thickness                    | μm  |    | 50         | 300         | 800         | -           |
| Full Light Transmission Rate | %   |    | 92         | 91.4        | 90.4        | JIS K 7161  |
| Elastic Modulus              | Mpa | MD | 1329       | 826         | 596         | JIS K 7161  |
|                              |     | TD | 1101       | 823         | 605         |             |
| Tensile Strength             | %   | MD | 48.8       | 97.2        | 80.9        | JIS K 7161  |
|                              |     | TD | 80.9       | 113         | 123.4       |             |

## ■ Applications



## Contact information

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If you need more information, feel free to contact us.