# **DENKA POVAL K-05**

## Polyvinyl Alcohol

## Denka Company Limited

#### Message:

Fully Hydrolzed POVAL

Denka POVAL is soluble in water. The higher the water temperature is, the higher the solubility becomes. It dissolves very little in organic solvent. In addition to suitable viscosity as water-soluble polymer, it has some excellent chracteristics such as bonding strength, surface tension, film formation and mechanical strength of film.

| General Information           |                      |       |  |
|-------------------------------|----------------------|-------|--|
| Features                      | Gas Barrier          |       |  |
|                               | General Purpose      |       |  |
|                               | Good Adhesion        |       |  |
|                               | Hydrolysis Resistant |       |  |
|                               | Water Soluble        |       |  |
|                               |                      |       |  |
| Uses                          | Coating Applications |       |  |
| Forms                         | Granules             |       |  |
| Physical                      | Nominal Value        | Unit  |  |
| pH <sup>1</sup> (25°C)        | 5.0 to 7.0           |       |  |
| Viscosity <sup>2</sup> (20°C) | 5 to 7               | mPa·s |  |
| Volatile Matter               | < 5.0                | %     |  |
| Degree of Hydrolysis          | 98.0 to 99.0         | mol%  |  |
| Sodium Acetate                | < 1.5                | %     |  |
| NOTE                          |                      |       |  |
| 1.                            | 4 %                  |       |  |
| 2.                            | 4 %                  |       |  |

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