



# Lacovyl® S110P

Homopolymer Suspension PVC

## Technical Data Sheet

Lacovyl® S110P resin, manufactured by KEM ONE, is a high molecular weight homopolymer resin obtained by suspension polymerisation process of vinyl chloride monomer.

### ■ Main characteristics

| Characteristics                  | Typical values         | Methods    |
|----------------------------------|------------------------|------------|
| Viscosity Index                  | 112 ml/g               | ISO 1628-2 |
| K-Value                          | 67                     | ISO 1628-2 |
| Bulk Density                     | 0.57 g/cm <sup>3</sup> | ISO 60     |
| Fraction retained on 63µm sieve  | ≥ 96 %                 | ISO 4610   |
| Fraction retained on 250µm sieve | ≤ 2 %                  |            |
| Volatiles content                | ≤ 0.3 %                | ISO 1269   |
| Residual monomer content         | < 1 ppm                | ISO 6401   |

- Good gelation properties
- Resin designed to give a regular processing with excellent mechanical properties

### ■ Recommended Applications

- Extrusion of profiles
- Rigid pipe extrusion: pressure, drainage, sewage, ...
- In compliance with main European food contact and medical regulations

Articles manufacturer is responsible for the determination of the suitability of the article produced for the final use.

### ■ Lacovyl® Mass & Suspension PVC resins range

| GRADE   | K-Value | APPLICATION |          |
|---------|---------|-------------|----------|
|         |         | Rigid       | Flexible |
| RB8010  | 57      | ■           | ■        |
| S071/S  | 57      | ■           |          |
| BB9010R | 59      | ■           |          |
| GB9440  | 61      | ■           | ■        |
| S098    | 63      | ■           |          |
| GB1040  | 65      | ■           | ■        |
| GB1150  | 67      | ■           | ■        |
| S110P   | 67      | ■           |          |
| S6703   | 67      | ■           |          |
| S7015   | 70      |             | ■        |

