

PVC S 58-02

General

PVC S 58-02 is a low K-value polyvinyl chloride grade, manufactured by a suspension polymerisation process. It is a medium porous polymer with a high bulk density and an excellent thermal stability

Typical Properties

| Property | Value | Unit | Test Method |
|------------------|-------|------|-------------|
| K-value | 58 | - | ISO 1628-2 |
| Viscosity index | 83 | - | ISO 60 |
| Bulk density | 570 | g/l | ISO 60 |
| Sieve Analysis | | | ISO 4610 |
| Particle > 63µm | ≥ 98 | % | |
| Particle > 250µm | ≤ 0.5 | % | |
| Volatiles | ≤ 0.3 | % | ISO 1269 |
| Porosity | 18 | % | ISO 4608 |

Applications

PVC S 58-02 can either be used for injection moulding of rigid articles, such as pipe fittings; or for the production of foamed products (i.e boards, core layer foamed pipes...).

Shipping

In general, shipping of the resin is done in bulk. Most common bulk transport modes are silotrucks and pressurized containers for rail and sea transport.

Storage

The resin must be stored in a dry area under moderate temperature conditions (maximum 30 °C) and avoid direct UV light exposure.

Safety

For information on the safety precautions of S 58-02 please refer to our material safety datasheet (MSDS). The MSDS can be sent on request of the customer.