

Producer: Ineos / Europe

EVIPOL SH6830

Description:

EVIPOL SH6830 is a high molecular weight vinyl chloride homopolymer with high bulk density and low porosity. It is produced by the suspension process.

Applications:

EVIPOL SH6630 polymer is for applications requiring higher mechanical properties. **EVIPOL SH6830** is suitable for a range of clear and opaque rigid applications.

- Rigid profiles, particularly window profiles
- Rigid pipes, particularly pressure pipes, and soil, sewer, rainwater and land drainage
- Rigid sheet, opaque and clear, flat and corrugated sheet
- Rigid duct, conduit and trunking for telecommunications and cable management

| PROPERTIES | TEST METHOD | UNITS | VALUE |
|------------------------|-------------|-------------------|-------|
| K-Value | ISO 1628-2 | | 68 |
| Viscosity number | ISO 1628-2 | ml/g | 116 |
| Apparent Density | ISO 60 | g/cm ³ | 0.57 |
| Particle size >250µm | ISO 4610 | % | < 5 |
| Particle size >63µm | ISO 4610 | % | > 95 |
| Plasticizer absorption | ISO 4608 | % | 22 |
| Volatile content | ISO 1269 | % | < 0.3 |

Processing :

After mixing appropriate additives, **EVIPOL SH6830** is suitable for processing by the extrusion process.