

S1018 Physical Properties

Applications : Injection for container lids, toys,
thin wall articles, etc.
Masterbatch

Characteristics : Good processability
Low shrinkage
Good flow properties

Additives : No slip, No Antiblock

Process Temp. : 170 - 210 °C

Regulatory information

Complied with the U.S. F.D.A. 177.1520
Complied with the EU 10/2011
Complied with the RoHS Directive 2011/65/EU Annex II
[amended by Directive (EU) 2015/863]
(IEC method) For plastics

Remarks : The values presented in this document are typical laboratory average, not to be construed as specification and may vary within moderate ranges. The application or accuracy of this information or suitable of our products cannot be guaranteed because the conditions of uses on the part of our users are beyond our control.

| Properties | Test Method | Unit | Typical Value |
|-----------------------------------|-------------|-------------------|---------------|
| Melt Flow Index (2.16 kg / 190°C) | ASTM D1238 | g/10 minutes | 20 |
| Density | ASTM D1505 | g/cm ³ | 0.916 |
| Vicat Softening Temperature | ASTM D1525 | °C | 82 |
| Melting Temperature | ASTM D638 | °C | 100 – 110 |
| Tensile Strength at Yield | ASTM D638 | MPa | 9.5 |
| Tensile Strength at Break | ASTM D638 | MPa | 8.5 |
| Ultimate Elongation | ASTM D638 | % | 400 |
| Hardness Shore D | DIN 53505 | - | 48 |