

SV1040 Physical Properties

Applications : Cast film
 Extrusion coating
 Injection
 Hot melt adhesive
 Cable coating

Characteristics : High elasticity
 Medium flow
 Good mechanical properties
 Good low temperature resistances

Additives : No slip, No Antiblock

Process Temp. : 200 - 240 °C

Regulatory information

Complied with the U.S. F.D.A. 177.1350
 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 | 18 |
| VA Content | TPIPL Method | % | 19 |
| Density | ASTM D1505 | g/cm ³ | 0.939 |
| Vicat Softening Temperature | ASTM D1525 | °C | 54 |
| Melting Temperature | ASTM D638 | °C | 83 |
| Tensile Strength at Yield | ASTM D638 | MPa | 4 |
| Tensile Strength at Break | ASTM D638 | MPa | 16 |
| Ultimate Elongation | ASTM D638 | % | 820 |
| Hardness Shore D | DIN 53505 | - | 34 |