

SV1055 Physical Properties

Applications : Injection for shoes, etc.
 Cast film for solar PV film, etc.
 Foam sheet for shoes, sandals, etc.
 Hot melt adhesive
 Cable coating

Characteristics : Excellent elasticity
 Good mechanical properties
 Good low temperature resistances

Additives : No slip, No Antiblock
 With thermal stabilizer

Process Temp. : 180-240 °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	20
VA Content	TPIPL Method	%	28
Density	ASTM D1505	g/cm ³	0.952
Vicat Softening Temperature	ASTM D1525	°C	48
Melting Temperature	ASTM D638	°C	69
Tensile Strength at Yield	ASTM D638	MPa	15
Tensile Strength at Break	ASTM D638	MPa	17
Ultimate Elongation	ASTM D638	%	860
Hardness Shore D	DIN 53505	-	25