

ST1018 Physical Properties

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

Characteristics : High 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	30
Density	ASTM D1505	g/cm ³	0.916
Vicat Softening Temperature	ASTM D1525	°C	80
Melting Temperature	ASTM D638	°C	100 - 110
Tensile Strength at Yield	ASTM D638	MPa	9.5
Tensile Strength at Break	ASTM D638	MPa	8
Ultimate Elongation	ASTM D638	%	260
Hardness Shore D	DIN 53505	-	48