

**N8038F Physical Properties**

Applications : Blow film for agricultural, packaging, etc.  
 Injection for shoes, toys, etc.  
 Foam sheet for shoes, sandals, etc.  
 Extrusion coating

Characteristics : Low gel  
 High elasticity  
 Good mechanical properties  
 Good low temperature resistances

Additives : No slip, No Antiblock

Process Temp. : 130 - 180 °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	3.0
VA Content	TPIPL Method	%	18
Density	ASTM D1505	g/cm <sup>3</sup>	0.941
Vicat Softening Temperature	ASTM D1525	°C	62
Melting Temperature	ASTM D638	°C	86
Tensile Strength at Yield	ASTM D638	MPa	4.5
Tensile Strength at Break	ASTM D638	MPa	24
Ultimate Elongation	ASTM D638	%	820
Hardness Shore D	DIN 53505	-	28