

**TV1160 Physical Properties**

Applications : Extrusion coating, Foam, Injection, Hot melt adhesive, Solar PV film.

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 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	40
VA Content	TPIPL Method	%	32
Density	ASTM D1505	g/cm <sup>3</sup>	0.965
Vicat Softening Temperature	ASTM D1525	°C	47
Melting Temperature	ASTM D638	°C	67
Tensile Strength at Break	ASTM D638	MPa	10
Ultimate Elongation	ASTM D638	%	>850
Hardness Shore D	DIN 53505	-	25