

## PolyOne Elastamax® HTE 2101 Thermoplastic Elastomer - PVC/TPU (discontinued \*\*)

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

### Material Notes:

Description/Features:InteriorUL 94 V0Applications:General PurposeCustom Profiles-ComplexProcessing Method:Extrusion-Single ScrewInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Elastamax-HTE-2101-Thermoplastic-Elastomer-PVCTPU-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Elastamax-HTE-2101-Thermoplastic-Elastomer-PVCTPU-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	ASTM D792
Melt Flow	13.67 g/10 min @Load 8.70 kg, Temperature 190 °C	13.67 g/10 min @Load 19.2 lb, Temperature 374 °F	Procedure B - Automatic Timed; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	15 sec; ASTM D2240
Tensile Strength, Yield	24.8 MPa	3600 psi	Type 1 - Rigids, Yield, 0.2 in/min; ASTM D638
Tensile Modulus	1.45 GPa	210 ksi	Type 1 - Rigids, 0.2 in/min; ASTM D638
Flexural Strength	41.4 MPa	6000 psi	ASTM D790
Flexural Modulus	1.31 GPa	190 ksi	ASTM D790
Izod Impact, Notched	10.1 J/cm @Thickness 3.17 mm	19.0 ft-lb/in @Thickness 0.125 in	Method A, Compression Molded; ASTM D256
Dart Drop Total Energy	44.5 J/cm	0.0833 ft-lb/mil	Procedure A, 0.125 in Conical Dart, 73°F(23°C); ASTM D4226

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	57.2 °C	135 °F	Annealed; ASTM D648
Flammability, UL94	V-0	V-0	Natural, 0.062 in thick; UL 94

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**