

## Huntsman AVALONÂ® 60 AE-ESD Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyester Grade

### Material Notes:

AVALONÂ® ESD range are soft TPUs that deliver the improved bonding strength and mechanical properties required to produce high-quality footwear on roundtable machines â€" specifically safety shoes that must demonstrate anti-static (ESD) properties. The AVALONÂ® ESD products combine softness with flexural strength. The result is shoes and boots that are comfortable yet hard wearing enough to withstand challenging conditions. Performance Features: AVALONÂ® injection molding products are trusted worldwide to deliver: Outstanding flex performance Excellent slip resistance Perfect surface definition Transparency and translucency Oil resistance Fast cycle times Outstanding abrasion and scratch resistance Perfect color match with master batches Rubber-like look and feel Excellent bonding. Information provided by Alliance Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Huntsman-AVALON-60-AE-ESD-Thermoplastic-Polyurethane.php](http://www.lookpolymers.com/polymer_Huntsman-AVALON-60-AE-ESD-Thermoplastic-Polyurethane.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/inÂ³	ISO 2781

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ISO 868
Tensile Strength at Break	16.0 MPa	2320 psi	ISO 37
Elongation at Break	1000 %	1000 %	ISO 37
100% Modulus	0.00240 GPa	0.348 ksi	ISO 37
300% Modulus	0.00380 GPa	0.551 ksi	ISO 37
Tear Strength	40.0 kN/m	228 pli	ISO 34B
Abrasion	80	80	mm<sup>3</sup>; ISO 4649

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+8 ohm	1.00e+8 ohm	

## 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

