

Novalloy-E E10

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Novalloy-E E10 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by injection molding and is available in North America. Features include:
flame retardant/rated flame
Antistatic

General Information			
Additive	Antistatic property		
Features	Antistatic property		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Molding Shrinkage	0.40 - 0.70	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	39.0	MPa	ISO 527-2
Flexural Modulus	2000	MPa	ISO 178
Flexural Stress	58.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	88.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	2.0E+11	ohms	ASTM D257
Volume Resistivity	3.0E+11	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94
Additional Information			

The value listed as Mold Shrinkage, ISO 294, was tested in accordance with ISO 2577.

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

