

NEMCON E HDPE 11000

High Density Polyethylene
Ovation Polymers Inc.

Message:
HDPE - ESD Range Conductivity with improved processability and UV resistance.

General Information			
Additive	UV stabilizer		
Features	Conductivity		
	Electrostatic discharge protection		
	Good UV resistance		
	Workability, good		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.990	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹ (23°C)	820	MPa	ASTM D638
Tensile Strength ²			ASTM D638
Yield, 23°C	25.0	MPa	ASTM D638
Fracture, 23°C	23.0	MPa	ASTM D638
Tensile Elongation ³ (Break, 23°C)	14	%	ASTM D638
Flexural Modulus ⁴ (23°C, 50.0 mm Span)	510	MPa	ASTM D790
Flexural Strength ⁵ (Break, 23°C, 50.0 mm Span)	23.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	50.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	3.0E+3	ohms	ASTM D257
Additional Information			
Tensile Elongation @ Brk, ASTM D638, 50 mm/min, 23°C: 12 to15%			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

