

NEMCON E PP AS

Polypropylene
Ovation Polymers Inc.

Message:

Nemcon™ E-series products are designed for use in ESDA electronic assembly environments. Nemcon™ E PP AS is a moisture independent anti-static polypropylene characterized by consistent moldability and recyclability.

General Information			
Additive	Antistatic property		
Features	Antistatic property		
	Recyclable materials		
	Good formability		
Uses	Electrical components		
	Tools/Parts Box		
	Bracket tray		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹ (23°C)	740	MPa	ASTM D638
Tensile Strength ² (Yield, 23°C)	22.0	MPa	ASTM D638
Tensile Elongation ³ (Break, 23°C)	170	%	ASTM D638
Flexural Modulus ⁴ (23°C, 50.0 mm Span)	525	MPa	ASTM D790
Flexural Strength ⁵ (23°C, 50.0 mm Span)	24.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	93	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.6E+11	ohms	ASTM D257
Additional Information			
Surface Resistivity, ASTM D257: 1e10 to 3e11 Ohms			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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Recommended distributors for this material

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