

Product Data Sheet

Nemcon™ E – PP AS

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.

Applications

- Shipping/handling trays and totes for components, IC's and circuit assemblies

Typical Properties*	Standard	Unit	Typical Value
Physical			
Specific Gravity	D 792		0.92
Mechanical			
Tensile Stress @ yld, 50 mm/min	D 638	MPa.	22
Tensile Strain @ brk, 50 mm/min	D 638	%	170
Tensile Modulus, 50 mm/min	D 638	MPa.	740
Flexural Stress @ brk, 1.3 mm/min, 50 mm span	D 790	MPa.	24
Flexural Modulus, 1.3 mm/min, 50 mm span	D 790	MPa.	525
Izod Impact, notched @ 23°C	D 256	ft-lb/in	1.75
Electrical Properties			
Surface Resistivity	D 257	Ohms/sq	1.0E+10-3.0E+11

*All properties are measured after 48 hours of conditioning at 23°C and 50% relative humidity. All samples are prepared according to ASTM standards. Variations within normal tolerances are possible for various types of colors and functional properties like UV resistance. AGNI is the flame retardant product brand from Ovation polymers.

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