

# NEMCON E PET 30131

Polyethylene Terephthalate

Ovation Polymers Inc.

Message:

PET - Fiber Grade with ESD Range Conductivity with improved processability.

General Information			
Features	Electrostatic discharge protection		
	Workability, good		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	2550	MPa	ASTM D638
Tensile Strength <sup>2</sup>			ASTM D638
Yield	52.0	MPa	ASTM D638
Fracture	50.0	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	2.6	%	ASTM D638
Flexural Modulus <sup>4</sup> (50.0 mm Span)	3090	MPa	ASTM D790
Flexural Strength <sup>5</sup> (Break, 50.0 mm Span)	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	20	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	3.1E+4	ohms	ASTM D257
Additional Information			

The value listed as Surface Resistivity ASTM D257, was tested in accordance with Ovation Polymers internal testing methods.

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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