

# DynaPath™ 4169

Polyphthalamide

Polymer Dynamix

Message:

Conductive PPA Compound  
Features:  
Conductive  
Good Dimensional Stability  
Maximum 10<sup>2</sup> Surface Resistivity  
Excellent Processability  
Applications:  
Automotive  
Industrial  
Electrical/Electronic Applications

General Information			
Features	Conductive		
	Good Dimensional Stability		
	Good Processability		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	Industrial Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	186	MPa	ASTM D638
Tensile Elongation (Break)	2.0 to 3.0	%	ASTM D638
Flexural Modulus	13100	MPa	ASTM D790
Flexural Strength	283	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	220	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+2	ohms	ASTM D257
Static Decay	< 20	msec	NFPA 99

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