

# TDS for slot liners



ADL Homepage



E-Mobility Competence



Electrification Initiative

## Ajedium™ PEEK Slot Liner Films

Quantum™ PEEK Slot Liner Films  
Electrical Data Sheet

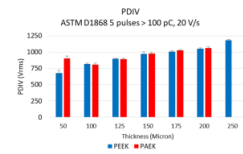
Property	Units	23°C		100°C		150°C		200°C		250°C	
		TD	TD	TD	TD	TD	TD	TD	TD	TD	TD
Volume Resistivity	Ω·cm	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16
Surface Resistivity	Ω/sq	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15
Dielectric Constant		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Dielectric Loss		0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Volume Resistivity	Ω·cm	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16
Surface Resistivity	Ω/sq	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15
Dielectric Constant		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Dielectric Loss		0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005

## Ajedium™ PAEK Slot Liner Films

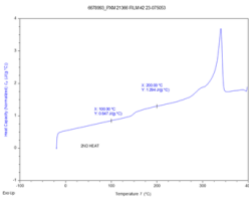
Quantum™ PAEK Slot Liner Films  
Electrical Data Sheet

Property	Units	23°C		100°C		150°C		200°C		250°C	
		TD	TD	TD	TD	TD	TD	TD	TD	TD	TD
Volume Resistivity	Ω·cm	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16
Surface Resistivity	Ω/sq	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15
Dielectric Constant		3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Dielectric Loss		0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005

## Comparison PEEK vs. PAEK



## Ajedium™ PEEK Slot Liner Heat Capacity



## Ajedium™ PEEK Slot Liner Thermal conductivity

