



*DIN ISO 9001 and 14001 certified*

## **Dynamic Micro Systems**

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### ***DMS 8" (200mm) Wafer Carrier***

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#### **PEI (Polyetherimide)**

<b><u>Item</u></b>	<b><u>Method</u></b>	<b><u>Unit</u></b>	<b><u>PEI</u></b>
<b>General Item</b>			
Specific gravity	ISO 1183	g/cm <sup>2</sup>	1,38
Water absorption 23°C/24 h	ISO 3167A	%	< 0,2
<b>Mechanical Items</b>			
Tensile strength	ISO 527	MPa	240
Flexural strength	DIN 53452	%	2
Izod impact strength	DIN 53452	MPa	300
Flexural modulus of elasticity	DIN 53452	GPa	21
<b>Thermal Items</b>			
Heat distortion temperature	ISO 75	°C	225
Coefficient of linear thermal expansion	DIN 53752	10 <sup>-5</sup> /K	1 - 2
Continues temperature	UL 746B	°C	180
<b>Electrical Items</b>			
Surface resistivity	DIN 53482	Ω/Ń	<10 <sup>2</sup>