



DIN ISO 9001 and 14001 certified

Dynamic Micro Systems

Semiconductor Equipment GmbH

78315 Radolfzell – Germany

Tel: +49 7732 9409-0

Fax: +49 7732 9409-200

<http://www.dms-semi.de>

email: marketing@dms-semi.de

Extra Dry/Polymer COC

<u>Item</u>	<u>Method</u>	<u>Unit</u>	<u>Extra Dry Polymer</u>
General Item			
Specific gravity	ISO 1183	g/cm ²	1,06
Water absorption 23°C	ISO 62	%	0,01
Water absorption 23°C/24 h	ISO 62	%	-
Mechanical Items			
Tensile strength	ISO 527	MPa	65
Flexural strength	ISO 527	%	0.5-2
Izod impact strength	ISO 178	MPa	100
Flexural modulus of elasticity	ISO 178	GPa	7.5
Thermal Items			
Heat distortion temperature	ISO 75	°C	130°-140°C*
Coefficient of linear thermal expansion	ISO 11359	K ⁻¹ -10 ⁻⁵	4
Electrical Item			
Volume resistivity	ASTM D 257	Ωcm	10E04-10E06
Surface resistivity	ASTM D257	Ω/Ń	10E03-10E05

* = estimated value