

## Möller Medical TafSkin 98 NanoCoating

Category : Ceramic , Glass , Glass Ceramic , Other Engineering Material , Ceramic/Metallic Coating

### Material Notes:

Flexible, non-abrasive, temperature-stable, dirt-repellant coating, biocompatible  
Information provided by Möller Medical, Member of CENTROTEC Group

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mller-Medical-TafSkin-98-NanoCoating.php](http://www.lookpolymers.com/polymer_Mller-Medical-TafSkin-98-NanoCoating.php)

Physical Properties	Metric	English	Comments
Thickness	15.0 - 40.0 microns	0.591 - 1.57 mil	

Mechanical Properties	Metric	English	Comments
Taber Abrasion, mg/1000 Cycles	37	37	CS17 friction disc with 500g load; DIN 53754

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	300 Â°C	572 Â°F	

Processing Properties	Metric	English	Comments
Processing Temperature	220 - 260 Â°C	428 - 500 Â°F	Hardening Temperature

Descriptive Properties	Value	Comments
Applicable Substrate	Aluminum	
	Brass	
	Copper	
	Glass	with restrictions
	Stainless Steel	
Biocompatibility	Biocompatible	One-parametric cytotoxicity test
Contact Angle to Water [deg]	98	
Cupping Test [mm]	8.5	DIN EN ISO 1520
Non-Applicable Substrate	ABS	
	Nylon	
	PMMA	

Descriptive Properties	Polycarbonate Value	Comments
	Tubes int. dia. 0.1-10 mm	
Pendulum Dampening Test [sec]	120-140	DIN EN ISO 1522

## Contact Songhan Plastic Technology Co.,Ltd.

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