

Möller Medical TafSkin 109 L NanoCoating

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

Material Notes:

Electrically conducting, chemical-resistant, thin, easy-to-clean PTFE coating
Information provided by Möller Medical, Member of CENTROTEC Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Möller-Medical-TafSkin-109-L-NanoCoating.php

Physical Properties	Metric	English	Comments
Thickness	2.00 - 10.0 microns	0.0787 - 0.394 mil	

Mechanical Properties	Metric	English	Comments
Taber Abrasion, mg/1000 Cycles	30	30	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	340 - 400 Â°C	644 - 752 Â°F	Hardening Temperature

Descriptive Properties	Value	Comments
Applicable Substrate	Aluminum	
	Copper	
	Glass	with restrictions
	Stainless Steel	
Biocompatibility	Biocompatible	One-parametric cytotoxicity test
Contact Angle to Water [deg]	109	
Cupping Test [mm]	5.2	DIN EN ISO 1520
Non-Applicable Substrate	ABS	
	Brass	
	Nylon	
	PMMA	

Descriptive Properties	Polycarbonate Value	Comments
	Tubes int. dia. 0.1-10 mm	
Pendulum Dampening Test [sec]	140-150	DIN EN ISO 1522

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