

Möller Medical TafSkin 103 NanoCoating

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

Material Notes:

Highly flexible, non-abrasive, chemical-resistant PTFE coating with very good easy-to-clean properties, biocompatible. Information provided by Möller Medical, Member of CENTROTEC Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Möller-Medical-TafSkin-103-NanoCoating.php

Physical Properties	Metric	English	Comments
Thickness	10.0 - 30.0 microns	0.394 - 1.18 mil	

Mechanical Properties	Metric	English	Comments
Taber Abrasion, mg/1000 Cycles	21	21	CS17 friction disc with 500g load; DIN 53754

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	250 Â°C	482 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]	103	
Cupping Test [mm]	8.3	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]	120-140	DIN EN ISO 1522

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