

Möller Medical NanoSkin 94 NanoCoating

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

Material Notes:

Non-abrasive coating with extreme chemical resistance, easy-to-clean, biocompatible, also for plastics. Information provided by Möller Medical, Member of CENTROTEC Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mller-Medical-NanoSkin-94-NanoCoating.php

Physical Properties	Metric	English	Comments
Thickness	5.00 - 5.00 microns	0.197 - 0.197 mil	

Mechanical Properties	Metric	English	Comments
Taber Abrasion, mg/1000 Cycles	11	11	CS17 friction disc with 500g load; DIN 53754

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 Â°C	392 Â°F	

Processing Properties	Metric	English	Comments
Processing Temperature	80.0 - 150 Â°C	176 - 302 Â°F	Hardening Temperature

Descriptive Properties	Value	Comments
Applicable Substrate	ABS	with restrictions
	Aluminum	
	Brass	
	Copper	
	Glass	
	Nylon	
	PMMA	
	Polycarbonate	
	Stainless Steel	
	Tubes int. dia. 0.1 - 10 mm	
Biocompatibility	Biocompatible	One-parametric cytotoxicity test

Contact Angle to Water [deg] Descriptive Properties	94 Value	Comments
Cupping Test [mm]	1.5	DIN EN ISO 1520
Pendulum Dampening Test [sec]	140-160	DIN EN ISO 1522

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