

Möller Medical PolySkin 95 NanoCoating

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

Material Notes:

Flexible, very non-abrasive, chemical-resistant decorative coating with easy-to-clean properties Information provided by Möller Medical, Member of CENTROTEC Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mller-Medical-PolySkin-95-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	6.0	6.0	CS17 friction disc with 500g load; DIN 53754

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	230 Â°C	446 Â°F	

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 180 Â°C	338 - 356 Â°F	Hardening Temperature

Descriptive Properties	Value	Comments
Applicable Substrate	Aluminum	
	Brass	
	Copper	
	Glass	with restrictions
	Stainless Steel	
Contact Angle to Water [deg]	95	
Cupping Test [mm]	8.4	DIN EN ISO 1520
Non-Applicable Substrate	ABS	
	Nylon	
	PMMA	
	Polycarbonate	

Descriptive Properties	Tubes int. dia. 0.1-10 mm Value	Comments
Pendulum Dampening Test [sec]	210-230	DIN EN ISO 1522

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