

Möller Medical PolySkin 81 NanoCoating

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

Material Notes:

Flexible, non-abrasive, decorative coating; easy-to-clean effect can be added
Information provided by Möller Medical, Member of CENTROTEC Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Möller-Medical-PolySkin-81-NanoCoating.php

Physical Properties	Metric	English	Comments
Thickness	15.0 - 30.0 microns	0.591 - 1.18 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	140 - 150 Â°C	284 - 302 Â°F	Hardening Temperature

Descriptive Properties	Value	Comments
Applicable Substrate	Aluminum	
	Brass	
	Copper	
	Glass	with restrictions
	Stainless Steel	
Contact Angle to Water [deg]	81	
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]	160-180	DIN EN ISO 1522

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