

Möller Medical PolySkin 80 NanoCoating

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

Material Notes:

Flexible, non-abrasive, decorative coating hardening at room temperature up to 120°C. Information provided by Möller Medical, Member of CENTROTEC Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Möller-Medical-PolySkin-80-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	33	33	CS17 friction disc with 500g load; DIN 53754

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

Processing Properties	Metric	English	Comments
Processing Temperature	25.0 - 120 °C	77.0 - 248 °F	Hardening Temperature

Descriptive Properties	Value	Comments
Applicable Substrate	ABS	with restrictions
	Aluminum	
	Brass	
	Copper	
	Glass	
	Nylon	with restrictions
	PMMA	with restrictions
	Polycarbonate	with restrictions
	Stainless Steel	
Contact Angle to Water [deg]	80	
Cupping Test [mm]	8.4	DIN EN ISO 1520

Non-Applicable Substrate 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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