



## NEW NORPOL® SRG GELCOAT

**DESCRIPTION:** NORPOL® SRG gelcoat is a high quality speciality gelcoat with higher abrasion and scratch resistance.

**APPLICATION:** NORPOL® SRG gelcoat is specially developed for sanitary and other applications with requirements for more durable high gloss surfaces. NORPOL® SRG gelcoat is suited for products exposed to water at varying temperatures.

### FEATURES:

- Spray/hand lay-up
- Good leveling
- Easy flow, air release
- UV protected
- Abrasion/scratch resistance
- High gloss retention after sanding/polishing
- VOC content of ca. 33 wt %



### PHYSICAL DATA IN LIQUID STATE AT 23°C

Properties	Unit	Spray quality	Hand quality	Test method
Viscosity				
Brookfield RVF sp.4/4 rpm	mPa.s(cP)	10000-16000	14000 20000	A050
Cone & Plate	mPa.s(cP)	320-400	750 900	A010
Density	g/cm <sup>3</sup>	1.1-1.5	1.1-1.5	B020
Geltime: 1.5% NORPOL® PEROXIDE 1	minutes	7-20	10-25	G020
Storage stability from date of production	months	6	6	G180

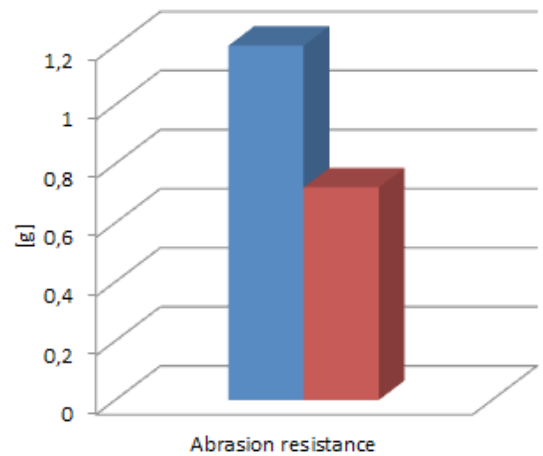
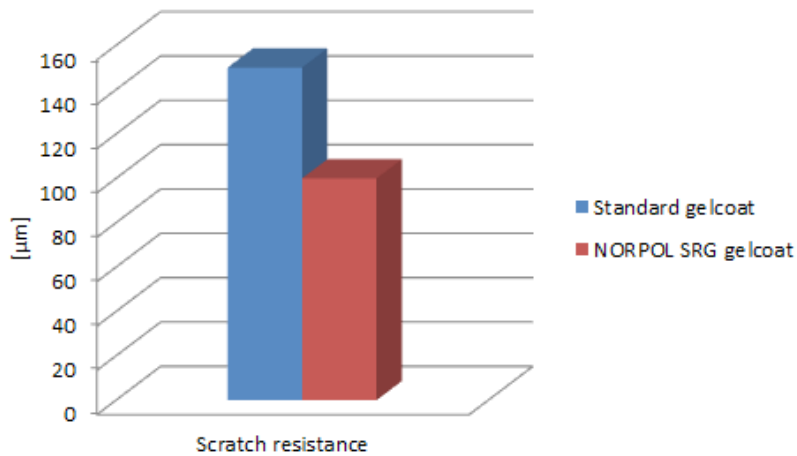
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## TYPICAL NON-REINFORCED CASTING PROPERTIES

Properties	Unit	Value	Test method
Tensile strength	MPa	min. 65	ISO 527-1993
Tensile modulus	MPa	min. 3000	ISO 527-1993
Tensile elongation	%	min. 3	ISO 527-1993
Heat distortion temp.	°C	min. 90	ISO 75-1993
Hardness Barcol	934-1	min. 40	ASTM D 2583-99

## COMPARISON OF SCRATCH AND ABRASION RESISTANCE OF NORPOL® SRG GELCOAT AND STANDARD QUALITY GELCOAT



Test methods: Scratch resistance: EN 14688:2006, Taber scratch tester Model 502, 1kg  
 Abrasion resistance: EN 14688:2006, Taber Abraser model 5150, 750g, 750 cycles, S-33

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