

## TOPACRYL CELL CAST PRECISION ACRYLIC SHEETS

### Material resistance in medical environment for the TOPACRYL glass types VOS, HL and HT

#### damp heat cycle test:

6 cycles, 25°C – 40°C, 97-92% rel. Humidity, 24 hours per cycle

surface hardness:		VOS	HL	HT
surface hardness	Pencil	4H	5H	5H
Vicat softening point	°C	100	114	120

#### surface affection:

Liquid	Effect	Application
- Isopropanol 100%	clean/degrease	technical cleaning
- Ethanol 70%	clean/degrease/disinfect	standard cleaning
- 0.5% Chlorehexidine in 70% Ethanol	clean/degrease/disinfect	cleaning and disinfection
- Cidex (Johnson&Johnson)	disinfect	cleaning and disinfection
- Haemo-Sol, 1% in Water	clean and disinfect	remove blood, disinfect
- 250 ppm Natrium-Hypochlorine	clean/degrease/disinfect	cleaning and disinfection
- artificial sweat PH=3	etching	surface of equipment
- coffee with milk and sugar	remainig stains	surface of equipment
- 0.9% NaCl	etching	cleaning
- 1% Iodine in 70% Ethanol	clean and disinfect	contact with disinfected wounds

Rem: All tests are made with realistic surface contact (cleaning). No immersion under load.

Schönenwerd, August 2008