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Product name	Unit	SÄKAPHEN® Si 14® E BKW
Properties	-	Heat Cured Duroplast
Resin base	-	Phenolic resin blend
Field of Application	-	Filler-free and pigment-free top coat for Si 14® E, especially for the use inside tank containers, vessels and containers carrying chlorinated hydrocarbons.
Cure Mechanism	-	Heat cured
Quantity of components	-	1
Color	-	Clear (Topcoat on green)
Surface	-	Glossy
General chemical resistance (All resistances have to be inquired separately!)	-	Resistant to organic and inorganic acids, salt solutions, aliphatic and aromatic chlorinated hydrocarbons.
pH Range	pH	1 - 8
Wet Film Thickness per layer	µm	50
Total dry film thickness	µm	25-30
Coverage	approx. kg/m ² /DFT	0,2 kg / m ² / 200µm
Surface Preparation	Sa	SA2 ½ - SA 3
Surface Profile	µm	40 - 60 µm
Temperature resistance dry (dry air oven)	°C	-20°C to +180°C/200°C
Temperature resistance wet (water)	°C	-20°C to +180°C/200°C
Resistance to water vapor diffusion	°C	≤ ΔT 30°C
Overcoating Waiting Time	hours/23°C	no limitations
Chemical Curing	days	after final bake
Linear Thermal Expansion	µm	(VDE 0304): 33*10-6 mm/mm°C
Pore testing	Volts	67,5
Pendulum hardness acc. to König	6° sec	214
Shore D Hardness	Shore D	94
Adhesion Test	N/mm ² [MPa]	> 20
Salt spray test	hours	under examination
Impact Strength	mm (1 kg)	> 1000
Surface smoothness (Ra)	µm Ø 3 readings	0,53
Surface tension	mN/m	> 28 < 35
Abrasion resistance	mg/1000 r.	under examination
Crosscut	class	0
Heat conductivity Ø 12,7x2,0mm on C-Steel with 67,37 w/mK	W/mK	n/a