

## Chemical Resistance

# PureMatte®

Property	Standard Test method	Unit	Specification	Test Results
Density	EN 438-6	Kg/cm <sup>3</sup>	≥ 0.8	1.4
Flexural Strength	EN 438-6	N/mm <sup>2</sup>	>80	>80
Módulus of Elasticity	EN 438-6	N/mm <sup>2</sup>	>9000	>9000
Tensile Strength	EN 438-6	N/mm <sup>2</sup>	>60	>60
Coefficient of thermal expansion	EN 438-2, clause 17	1/k	-	18 x 10
Dimensional alteration in climate change with increased temperature	EN 438-2, clause 19	MD %	<0.3	<0.06
		CD %	<0.6	<0.19
Stain Resistance	Nema LD3-2005	Rating	Unaffected by reagents 1 ~ 10	No Effect
			Moderate 11 ~ 15	No Effect
Chemical & Stain Resistance	See list page2			

## Specification Report

# PureMatte®

## CHEMICAL & STAIN RESISTANCE

	Chemical Reagent	Rating	Remark
1	Acetate , Amyl	0	Room Temperature X Discoloration , Swelling after 48hrs
2	Acetate , Ethyl	0	
3	Acetic Acid, 98%	0	
4	Aceton	0	
5	Alcohol, Butyl	0	
6	Alcohol, Ethyl	0	
7	Benzene	0	
8	Carbon Tetrachloride	0	
9	Cresol	0	
10	Ethyl Ether	0	
11	Formaldehyde, 37%	0	
12	Formic Acid, 90%	0	
13	Gasoline	0	
14	Hydrochloric Acid,37%	0	
15	Hydrofluoric Acid,48%	0	
16	M.E.K.	0	
17	Naphthalene	0	
18	Nitric Acid, 20%	0	
19	Nitric Acid, 30%	0	
20	Nitric Acid, 70%	2	
21	Phenol, 90%	0	
22	Phosphoric Acid, 85%	0	
23	Sodium Hydroxide,10%	0	
24	Sodium Hydroxide,20%	0	
25	Sodium Hydroxide,40%	0	
26	Sodium Hydroxide,Flake	0	
27	Sulfuric Acid, 33%	0	
28	Sulfuric Acid, 77%	0	