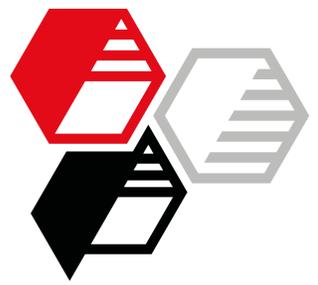


Neuburg Siliceous Earth in UV-curing clear coat glossy and abrasion resistant



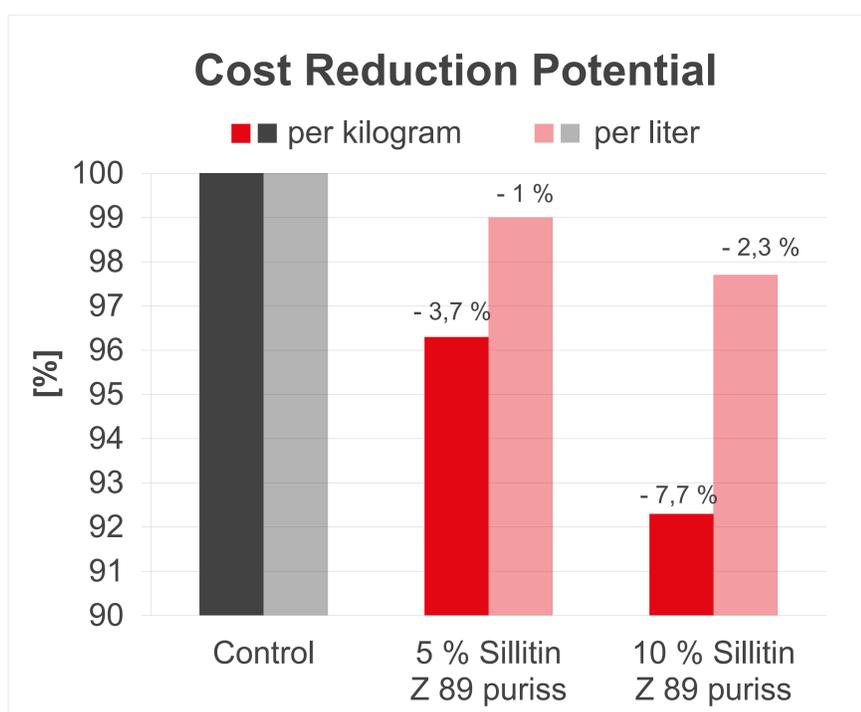
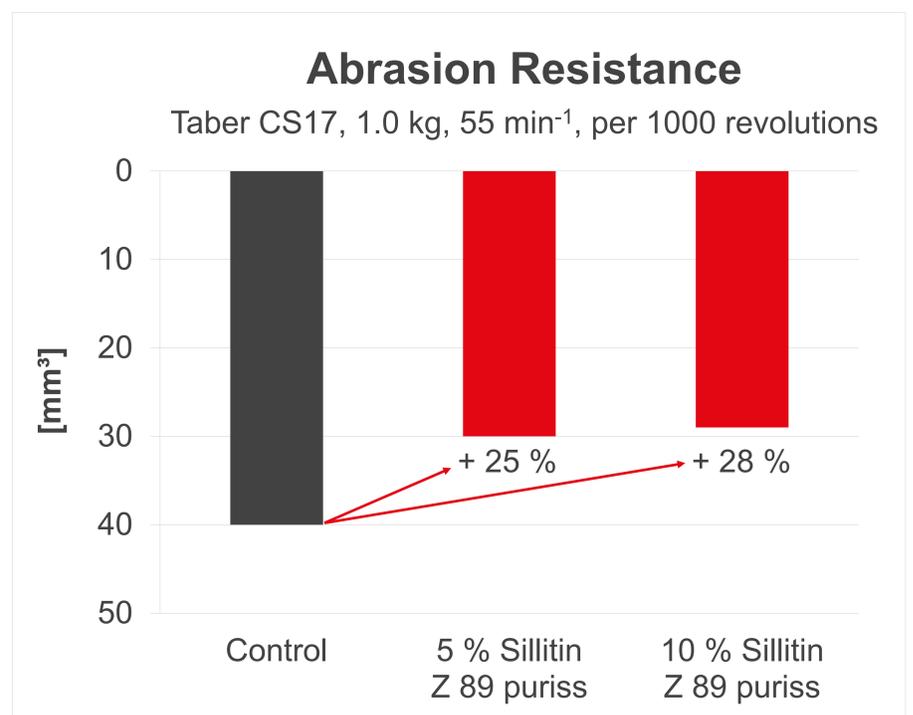
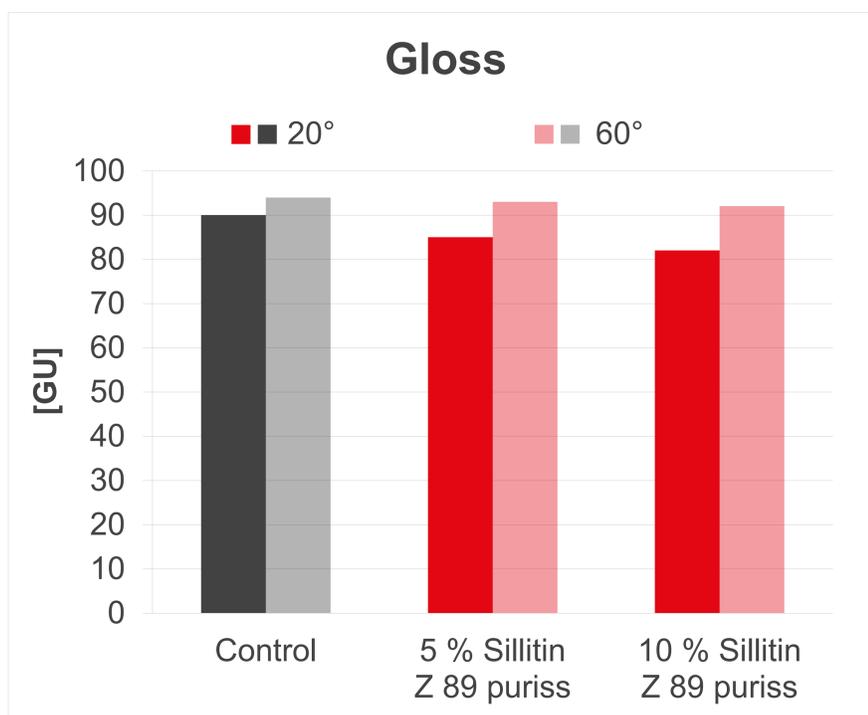
Objective

Improving abrasion resistance plus cost reduction potential by introducing SILLITIN Z 89 puriss.

Formulation

	Control	Sillitin Z 89 puriss	
Laromer LR 8986	48.06	45.57	43.16
Laromer PO 8967	48.06	45.57	43.16
Omnirad 184	3.88	3.66	3.48
Sillitin Z 89 puriss		5.00	10.00
Byk 088		0.20	0.20
Total [%]	100.0	100.0	100.0
PVC [%]	0	2.4	4.9

Results



Summary

Retained Features

- ✓ High gloss level
- ✓ Low viscosity
- ✓ Good transparency

Improved Features

- + Abrasion resistance
- + Cost reduction potential