



SPREDOX D-292
For aqueous color paste

DOXA
CHEMISTRY ENVISIONED

Product introduction

Spredox D-292 is an APEO free dispersant, developed for water borne paste, coatings, and inks. It provides outstanding viscosity reduction and long term stability for carbon black, organic pigments, and inorganic pigments.

Specification	
Active content	40%
Solvent	Water

Test Formulation

Mill base	TiO2	Carbon Black	Violet 23	Green 7
Pigment ¹	60	30	30	40
Dispersant (40%)	11.72	11.72	11.72	11.72
Water	23.08	53.08	53.08	43.08
EG	5	5	5	5
Defoamer ²	0.2	0.2	0.2	0.2
total	100	100	100	100

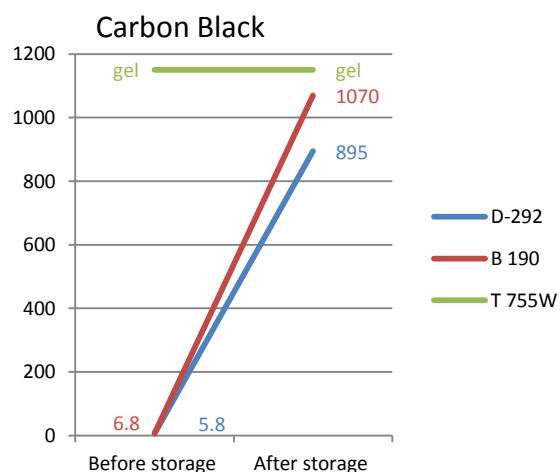
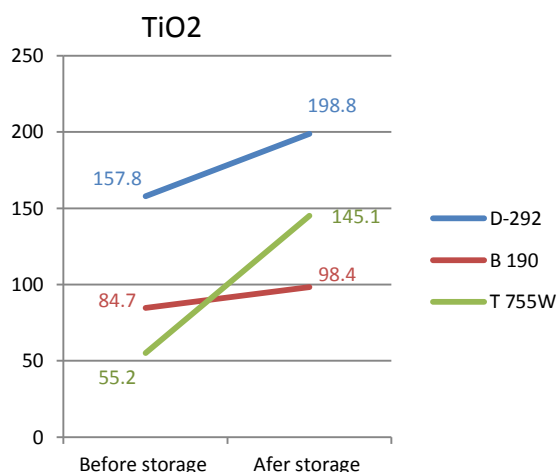
¹TiO2 Venator TR92 , Carbon black Cabot 400R , Violet : Asiafine 2300R , Green Asiafine GFP

²Defoamer : TEGO FOAMEX 810

Viscosity reduction and storage stability

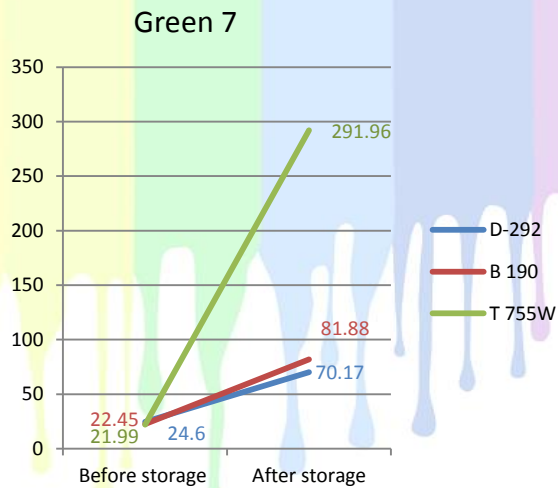
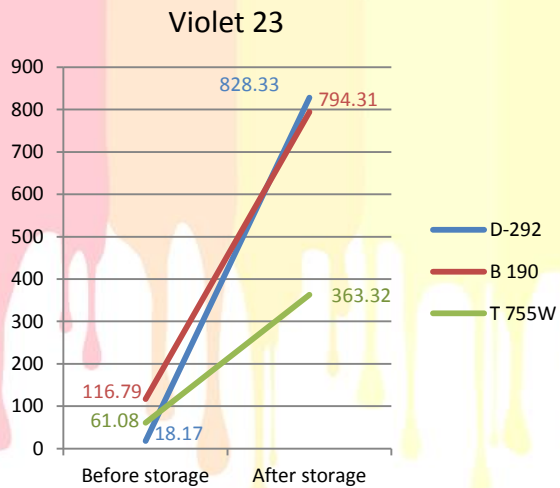
Resin free grinding formula

Storage @ 70 °C for 3 days



★T 755W : Good viscosity reduction
B 190 : Good storage stability

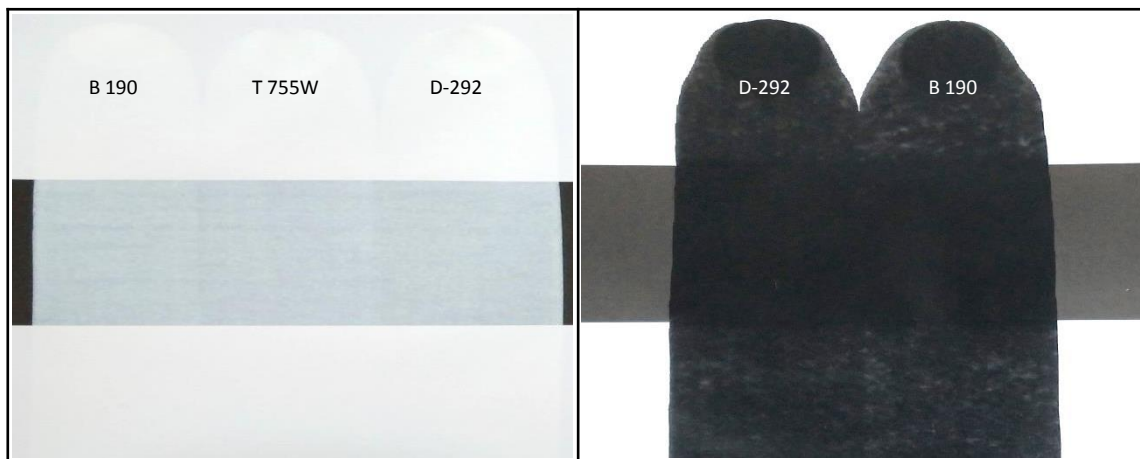
★T 755W : Gelled
D-292: Best for both viscosity reduction and storage stability



★D-292 best viscosity reduction
T 755W best storage stability

★T 755W best viscosity reduction
D-292 best storage stability

Chromaticity test



B 190 best

D-292 better



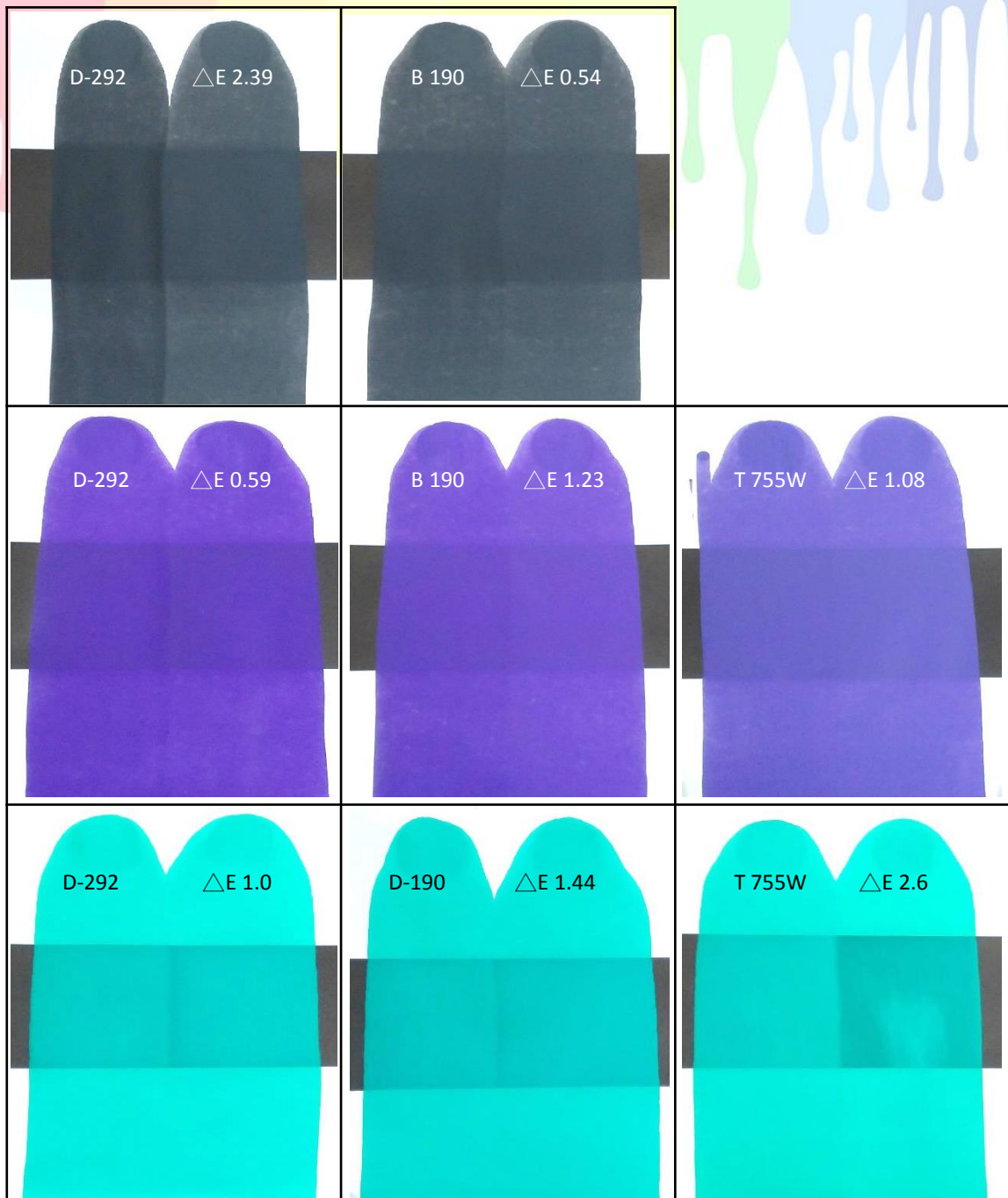
D-292 best

T 755W best

Floating / stability of finished paint (let down)

Tint the mill based colorants with white and observe color difference between samples in room temperature and in oven aging.

Storage @70°C for 3 days



★D-292 provides best anti-floating performance in violet (V23/TiO₂) and green (G7/TiO₂) reduction mix.