

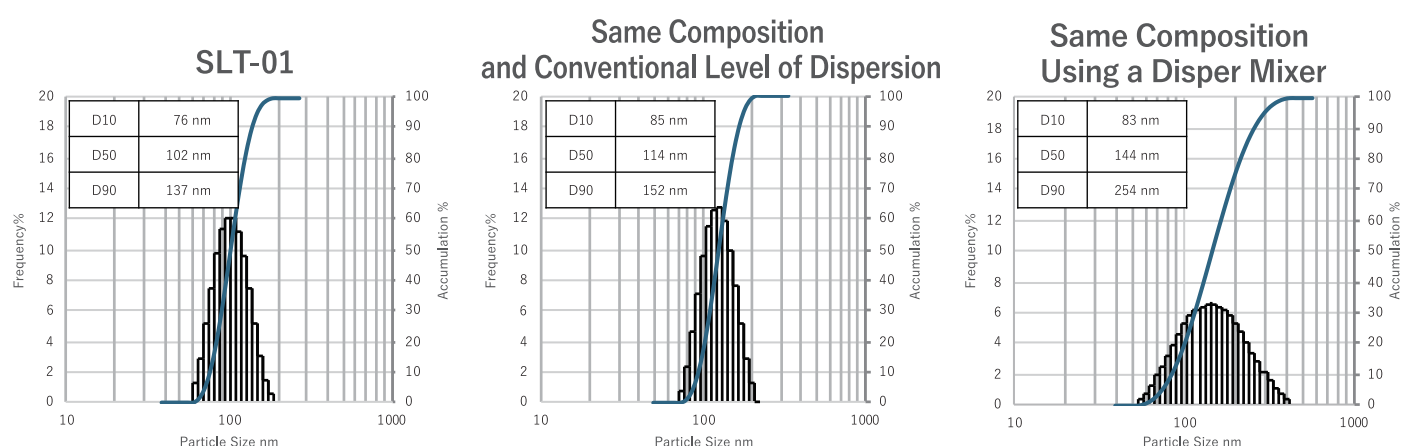
NEW OIL DISPERSION

SLT-01

This product is a dispersion of 15 nm-sized Micro Titanium Dioxide treated with Hydrated Silica and Triethoxycaprylsilane, and highly dispersed in oil. The dense coating with Hydrated Silica ensures excellent stability during formulation. It is easy to incorporate into both W/O and O/W formulations, can also be combined with various water-soluble thickeners.

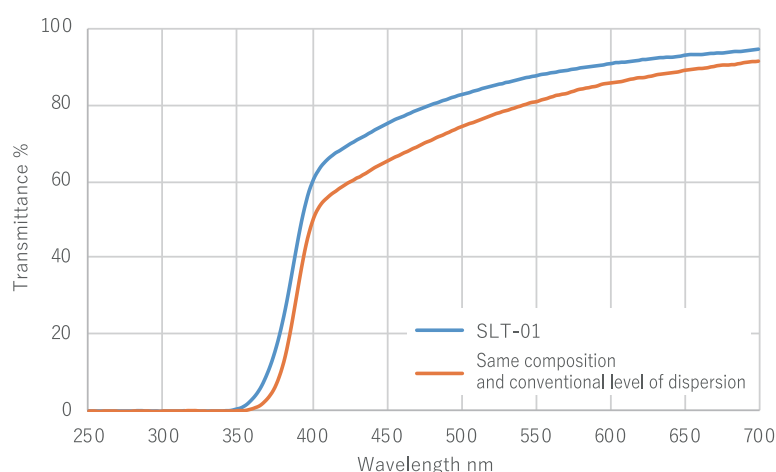
Grade	Substrate (Concentration)	Dispersant	Media	Natural Origin Index
SLT-01	HYDRATED SILICA, TRIETHOXYCAPRYLSILANE treated TITANIUM DIOXIDE (40 %)	POLYGLYCERYL-5 POLYRICINOLEATE	HYDROGENATED POLYISOBUTENE	0.41

Particle Size Distribution



Method: Dilute to 1% solids with the same solvent as the dispersion. Measurement: Particle Size Analyzer FPAR-1000

Transmittance Curve



Dispersions are directly coated
Film Thickness : 10 μ m
Base : Polypropylene Film
Measurement : Spectrophotometer HITACHI U-4100

Transparency



Same Composition and Conventional Level of dispersion SLT-01

The state of applying on polypropylene film using a bar coater (#6)