

Dynoadd P-506, P-510, P-515, P-520, P-530, P-540, P-560

Texture additives for water-borne, solvent borne and UV curing coatings



- ◉ Uniform texture
- ◉ Cross-linked PMMA
- ◉ Gloss control
- ◉ Smooth feel

Properties

The Dynoadd P-range of monodisperse, spherical particles provide especially fine and uniformly textured films. The particles have an extremely narrow particle size distribution, ensuring that every particle gives the desired effect, resulting in lower addition rates than competing technologies. They can give some improved scratch resistance and impart a permanent slip improvement. The Dynoadd P-range have low refractive index, which gives the opportunity of producing textured or matt clear coats without imparting haze to the coating. The products can be combined both with other particle size Dynoadd® particles, or matting agents to give the required texture, gloss and structure.

Addition Method and Dosage

The particles can be used in solvent-borne, water-borne and radiation curing coating formulations. Typical applications are coil coatings, domestic appliances, cosmetics packaging, mobile phones, automotive interior, machinery housing, wood coatings, optical coatings.

Recommended initial dosages are:

P-506 / P-510	0.25 – 3.0%
P-515 / P-520	0.5 – 10%
P-530 / P-540 / P-560	2.0 - 10%

Post addition with good and sufficient mixing.

Technical Data

Dry, free flowing powder

Dynoadd	Diameter, μm	Cv %
P-506	6	<5
P-510	10	<5
P-515	15	<5
P-520	20	<5
P-530	30	<5
P-540	40	<5
P-560	60	<5

Particle properties

Refractive index	1.48–1.52
Particle Density	1.2

The particles are inert in most commonly used solvents and will not swell or shrink. Aggressive solvents such as acetone, toluene or ethyl acetate should be avoided.

Regulatory Status

EU-REACH- compliant.

A regulatory status of this product and MSDS can be obtained upon request at www.dynoadd.com

Storage Stability

Storage stability is five years from the date of production when stored at temperatures below 25 °C in closed containers.

