

Technical Data Sheet

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.

Typical applications / dosage

The particles can be used in solvent-borne, water-borne and radcure 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 - 10%

Method of addition

Post addition with good and sufficient mixing.

Solubility

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.

Delivery form

Dry particles. Free flowing powder.

Technical data

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

Regulatory status

EU-REACH-Dynoadd P-506, P-510, P-515, P520, P-530, P540, P-560 is EU-Reach compliant

A complete regulatory status of this product can be obtained upon request.

Storage stability

Storage stability is five years from the date of production when stored at temperatures below 25°C in closed containers. Protect from moisture, including condensation. This may result in partial agglomeration which can be difficult to disperse in non-aqueous media.

Packaging

Box with PE inner lining	Kg Net	Item no.
P-506	20	T000801
P-510	25	T000901
P-515	25	T001001
P-520	25	T001101
P-530	25	T001201
P-540	25	T001301
P-560	25	T003601