



ATTIKA
Resin's expert

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ATTALATE 541 L

Manufacturer: ATTIKA
Characteristics: Medium-oil alkyd resin modified with phenol resin
Supplied as: 50% in xylene
Use:
– air-and stove-drying primers
– fast drying interior industrial paints.

Properties:

| | |
|---|-------------|
| <u>Non-volatile content (nvc)</u> (GOST 31939) | 48.0 – 52.0 |
| <u>Viscosity, sec</u> <u>VZ-246 with d = 4 mm</u> <u>at temperature (20,0±0,5) °C</u> (GOST8420) | 140 – 220 |
| <u>Acid value</u> (ISO 2114:1996) | < 15 |
| <u>Iodometric color, mgI₂/100 cm³</u> (50% xylene) (GOST 19266) | < 20 |

Film Properties and Processing:

Because of its composition ATTALATE L 541 is a special-purpose binder for air- and stove-drying primers with very short drying times and excellent overspray tolerance. Through combination with other short-oil or medium-oil drying alkyd resin, epoxy esters and urea or melamine resins a wide range of possibilities are obtained not only in the primer sector but also for fast-drying industrial coatings. For prime coats and anti-corrosive primers, the type and amount of pigments are of vital importance. Besides zinc phosphate and red iron oxide, particularly flaked fillers, such as talc, have given good results. Possible dryers are primarily cobalt-lead-manganese or cobalt-barium-zinc mixtures. Relative to 100% alkyd resin we recommend the following amounts depending on the intended use: 0.03- 0.05 % cobalt, 0.30 - 0.50 % lead- and 0.03-0.04 percentage manganese metal.