

Technical Data Sheet

Newell MOA 31V50

Product Name: Newell Medium oil Alkyd 31V50
Type: Vegetable oil based Medium Oil Alkyd Resin

Product details:

Newell MOA 31V50 is a Medium oil alkyd resin for interior and exterior uses.

Application and Uses:

Newell MOA 31V50 is highly recommended for air drying or baking paints & coatings.

Specifications:

Particulars	Specification/Units
Compositional details (Solic Resin)	
Type of Oil	Mixed drying oil
Oil length (%) Max	Medium 50+/-1
Phthalic Anhydride (based on Solids) Min %	35
Modifier	None
Acid value (on Solids) mg KOH/gm. Max	10
Product Properties	
Appearance	Amber Yellow liquid
Color (Gardner scale) Max	9
Non-volatiles (Solids) %	50+/-1
Non-volatiles (Volume) %	40.5+/-1
Solvent	Exempt VM&P Naphtha
Flash Point (SETA) °C/°F	(12.77-55)
Viscosity (Gardner Holdt) °C/°F (25-77)	Z2-Z4
Viscosity @40% solids (VM&P Naphtha)	G-K
Weight per Gallon °C/°F (25-77)	8.0 +/-0.5
Drying Characteristics	Air dry or bake



Recommended Driers (% metal on Resin solids)	
Cobalt drier % % (0.05)	0.03
Zirconium % (0.5)	0.2
Calcium % (0.05)	0.03

Storage and Handling:

The product should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between (5-30) (41-86) °C/°F.

Exposure to direct sunlight should be avoided.

Shelf life Under above mentioned storage condition, the shelf life of the resin will be 12-month ex work. See SDS for more information.

Packing:

Newell MOA 31V50 is packed in 400 lb Steel drums, Totes or bulk road tanker, as needed.