

CaraPol™ SPR-1012-75

Description

CaraPol SPR-1012-75 is a highly unsaturated resin that allows formulators to develop coating finishes that are fast drying, very hard, low in viscosity, and low in color. The product can be used as the principal resin or, more effectively, as a co-resin in alkyd, oil modified urethane, or oleoresinous varnish based formulations. Less than 300 grams/liter systems can be achieved with CaraPol SPR-1012-75.

Applications

- Interior Clear Finishes for Wooden Floors and Furniture
- Interior Wood Stains
- Stain Blocking Primers
- Waterproof Coatings
- Architectural Paints

Features

Blended with oleoresinuous vehicles at 20 - 60% (based on solids) CaraPol SPR-1012-75 will:

- Reduce VOCs and Formulation Viscosity
- Speed Dry-Thru Times
- Increase Film Hardness
- Increase Abrasion and Mar Resistance
- Improve Film Color and Quality

Properties

Non-Volatiles	75%
Viscosity	400 cps
Gardner Color	5
Acid Value	5 max
Specific Gravity	0.94
Density	7.87 lbs/gal

Drier Evaluation

We recommend the following OMG drier combination (metal to solids) when blending with oleoresinous vehicles. Cobalt driers are less effective.

Mn NapAll	0.015%
Neo-Cem 250	0.100%
DriRx	0.020%
Skino #2	0.150%

When applied at 1.5 mils wet, the following dry times and hardness were recorded for CaraPol SPR-1012-75.

Set Time	1.25 hours
Tack Free Time	1.50 hours
Thru Dry	2.50 hours
Pencil Hardness (1 day)	F - H
Pencil Hardness (7 days)	3 - 4H