

CASTUNG® 403 Z-3
Technical Data Sheet



Product Identification

Castung® 403 Z-3 is a bodied dehydrated castor oil (DCO) that can be used with pure and modified phenolic resins to impart alkali resistance for can linings, corrosion resistant coatings, traffic paints, ink vehicles and marine finishes. The high viscosity Castung® 403 Z-3 will yield faster processing and drying times than Castung 103 G-H. Castung® 403 Z-3 is excellent for formulating alkyd and copolymer resins, where dehydrated castor oil is well known for its non-yellowing and outstanding color retention characteristics.

Physical Properties

Property	Value
Composition	100% Dehydrated Castor Oil
Form	Clear amber liquid
Acid Value	3
Color, Gardner	3
Density, lbs./gal, 25°C	7.90
Fire Point, COC, °F	640
Flash Point, COC, °F	580
Gel Time @ 600°F, minutes	35
Iodine Value	123
Pour Point, °F	-5
Refractive Index	1.4863
Saponification Value	190
Specific Gravity, 25°C/25°C	0.949
Viscosity, Gardner	Z-2

Applications

- Produces high quality durable vehicles
- Light colored, non-yellowing films
- Upgrade primary binder systems
- Excellent pigment wetting and color development
- Imparts excellent flow and levelling properties

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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