

# PEG-12 Carnauba

Wax No. 165

Koster Keunen reacts our natural carnauba with a synthetic PEG to produce this highly compatible raw material. This high molecular weight monoester offers film forming and barrier properties, and eliminates the graininess found when formulating with straight carnauba.

## CHEMICAL PROPERTIES

ANALYTICAL TEST	METHOD	SPECIFICATION	UNITS
Melting Point	USP 741	80-85	°C
Acid value	USP 401	<2	mg KOH/g
Saponification Value	USP 401	60-75	mg KOH/g
Color	Visual	Yellow to Light Brown	

## FORMULATION GUIDELINES

PEG-12 Carnauba will give stability and film forming without a waxy feel. Formulators will find it provides thickness, creaminess, and improves structure over standard carnauba. Applications can include emulsions, mascaras, foundations, sticks, and conditioners. Use this product in all color cosmetics, hair and skin care.

## REGULATORY

**INCI NAME:** PEG-12 Carnauba

**CAS#:** Not assigned

**EINECS#:** Not assigned

**KOSTER KEUNEN CODE#:** 165

**TRADE NAME:** PEG-12 Carnauba

**MINIMUM SHELF LIFE:** 2 Years

**MANUFACTURED:** Watertown, Connecticut, USA

NOT TESTED ON ANIMALS

KOSHER

ORGANIC

GMO FREE

NPA

GRAS

**CANADA:** Unknown at time of print

**JAPAN:** Unknown at time of print

**CHINA:** Unknown at time of print

**AUSTRALIA:** Unknown at time of print

**REACH:** Unknown at time of print

1021 Echo Lake Road, Watertown, CT 06795  
T: 860.945.3333 | E: info@kosterkeunen.com  
W: kosterkeunen.com