

Technical Data Sheet

Carnauba Wax T3

Introduction:

- **Carnauba Wax** is a hard wax obtained from the leaves of the *Copernicia Prunifera* which is native and only grown in north eastern Brazil.
- **Carnauba Wax** acts as an internal lubricant, facilitating the incorporation and dispersion of the non-rubber ingredients.
- **Carnauba Wax** will migrate to the surface of the rubber, due to its low melting point, and act as a release layer.

Uses:

Carnauba Wax has a wide range of uses in many industries:

- Polish Industry
- Food Industry (chewing gum, gravy, sauces, sweets)
- Pharmaceutical Industry (tablet coating agent.)
- Cosmetic Industry
- Rubber Industry (process aid and mill/ mould release agent.)

Typical Characteristics:

Product Description			
	Appearance	Pale yellow powder	
	Odour	Characteristic	
Composition			
	Substance	% by Weight	
	Carnauba Wax	100	
Properties			
	Property	Unit	Value
	Solubility		Insoluble in water; partially soluble in alcohol. Soluble on warming in Ethyl Acetate & Xylene.
	Melting Point	°C	80-86
	Acid value	mg KOH/g	2-7
	Saponification Value	mg KOH/g	78-95
	Ester vake	mg KOH/g	71-93
	Sulphated ash	% w/w	Not more than 0.25
	Unsaponifiable matter	%	50-55

Shelf Life:

24 Months minimum in cool, dry storage.

Packaging:

25 kg bags

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.