

Castorwax™ DS-270

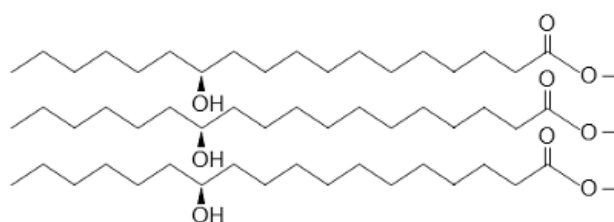
powdered castor wax

product information

Castorwax DS-270 is a wax-like compound obtained by the controlled hydrogenation of pure castor oil, which occurs in the seed of the castor plant, *Ricinus communis*. Castorwax DS-270 is highly compatible with a variety of plastics and resin systems and has limited solubility in organic solvents, which will reduce the possibility of its being washed or leached out of the final product. Castorwax DS-270 also has an available reactive hydroxyl group which, if desired, can be utilized to react into the cured film making the additive an integral part of the cured film.

application background

- Processing aid for plastics and rubber compounds
- Metal drawing lubricants
- Packing and sealants
- Wax polishes



performance benefits

- Moisture resistance based on hydrophobic nature
- Insoluble in water
- Refined for consistency
- relatively insoluble in most organic solvents at moderate temperatures
- Biodegradable and renewable source

typical characteristics

Appearance	white powder
Molecular Weight	940
Particle Size (270 mesh)	99% minimum
Melt Point	85°C minimum
Melt Viscosity, 93°C	0.24 poise
Hydroxyl Value	158
Iodine Value	5 maximum
Acid Value	3 maximum
Refractive Index	1.462
Specific Gravity, 25°C	1.023
Density, lb./gal 25°C	8.51

Consult the Safety Data Sheet for hazard and regulatory information

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technical data sheet