

DS -Castorwax®
Technical Data Sheet



Product Identification DS-Castorwax® is a wax like compound obtained by the controlled hydrogenation of pure castor oil, it is a 100% active modifier wax developed to provide lubricity to plastics manufacturing while functioning to provide flow and levelling to powder coatings.

DS-Castorwax® is highly compatible with a variety of plastics and resin systems and is relatively insoluble in most organic solvents at moderate temperatures, which will reduce the possibility of its being washed or leached out of the final product. DS-Castorwax® 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.

	<u>Property</u>	<u>Value</u>
Physical Properties	Acid Value	1
	Density, lbs./gal, 25°C	8.51
	Fire Point, COC, °F	635
	Flash Point, COC, °F	600
	Form	White powder
	Hydroxyl Value	165
	Iodine Value	3
	Melt Point C	87
	Melt Viscosity, poise @ 200F	0.24
	Particle Size	16 Mesh
	Refractive Index	1.4620
Specific Gravity, 25°C/25°C	1.023	

- Applications**
- Processing aid for plastics and rubber compounds
 - Metal drawing lubricants
 - Chemical Intermediates
 - Thixatropes

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

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