

**Product Identification**

Castorwax® MP-80 is a white to off-white wax like compound obtained by the controlled partial hydrogenation of pure castor oil. The principle constituent is glycerol tri-(12-hydroxystearate), also known as opalwax. Castorwax® MP-80 is a soft, lower melting point wax that is insoluble in most organic solvents but is highly compatible with most resins and waxes.

<b>Physical Properties</b>	<b>Property</b>	<b>Value</b>
	Acid Value	2
	Density, lbs./gal, 25° C	8.51
	Form	White flakes
	Hydroxyl Value	154
	Iodine Value	29
	Melt Point, °C	80
	Melt Viscosity, Poise @ 200°F	0.24
	Refractive Index	1.4620
	Saponification Value	179
	Specific Gravity, 25° C/25° C	1.023
	Volume Resistivity @ 100°C	8.0 X 10 <sup>10</sup>
	Dielectric Constant @ 1Kc@25°C	15.6
	Dielectric Constant @ 1Kc@100°C	3.79
	Dissipation Factor @ 1Kc@25°C	3.79

**Applications**

- Castorwax® MP-80 is recommended for all applications requiring a wax that is similar to regular Castorwax®, but with a lower melting point and greater flexibility.
- Antiperspirant and Eye Shadow sticks
- Lip Sticks and Lip Glosses
- Cosmetics and toiletries
- Wax blends
- Antiblocking and mold release agents for plastics and rubber

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

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