



## Technical Data Sheet

<b>MATERIAL:</b>	Cellulose nitrate
<b>CATALOG NUMBER:</b>	712
<b>CAS NUMBER:</b>	9004-70-0
<b>DESCRIPTION:</b>	Nitrocellulose. 70% solids in Isopropanol
<b>FORMULA:</b>	Unspecified
<b>TYPICAL PROPERTIES:</b>	
Appearance:	Powder
Nitrogen content:	11.8-12.2%
Refractive index:	$n_D^{20}$ 1.51
Viscosity:	1,500-2,000 sec (12.2% solution)
Density:	1.23
Softening point:	220°C
Freezing point:	-86°C
Flash point:	53°F
Solubility:	Amides, esters, ethyl ether mixtures, ketones, nitroparaffins

**GENERAL INFORMATION:** Prepared by the reaction of cellulose with nitric acid. Nitrocellulose is one of the oldest and most useful film formers used in the coatings, film, ink and adhesives industries. Among its many combinations of properties are durability, toughness and solubility.

### STRUCTURE:

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