



## Technical Data Sheet

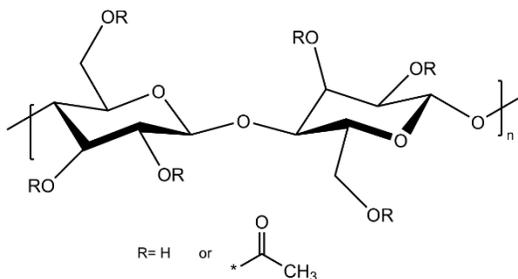
<b>MATERIAL:</b>	Cellulose acetate
<b>CATALOG NUMBER:</b>	083
<b>CAS NUMBER:</b>	9004-35-7
<b>DESCRIPTION:</b>	Partially hydrolyzed cellulose triacetate
<b>FORMULA:</b>	Unspecified

**TYPICAL PROPERTIES:**

Appearance:	Powder
Acetyl content:	39.8%
Hydroxyl content:	3.6%
Refractive index:	$n_D^{25}$ 1.475
Viscosity:	11.4 p (20% solution)
Density:	1.31
Melting point:	240°C
Solubility parameter:	10.9
Solubility:	Cyclohexanone, MEK, methyl acetate, methylene dichloride, THF

**GENERAL INFORMATION:**

Produced by the carefully controlled hydrolysis of cellulose triacetate. Cellulose acetate is most commonly used as protective coatings in paper, glass, fabric, and metal fabrication. Coatings based on cellulose acetate feature good chemical resistance, a high melting point, excellent film toughness and clarity, and a high dielectric constant.

**STRUCTURE:**

Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp<sup>2</sup> in writing at time of sale. Sp<sup>2</sup> cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp<sup>2</sup>.