



Technical Data Sheet

MATERIAL: Cellulose triacetate

CATALOG NUMBER: 1078

CAS NUMBER: 9012-09-3

DESCRIPTION: Cellulose acetate, trimester

FORMULA: Unspecified

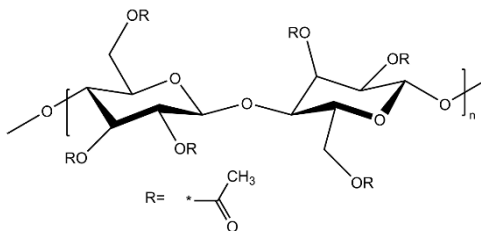
TYPICAL PROPERTIES:

Appearance:	Granular
Approx. Mw:	100,000 [GPC]
Acetyl content	43.6%
Density:	1.31
Melting point:	295°C
Viscosity:	50 sec [ASTM-D]
Degree of substitution:	2.9
Solubility:	Carbon tetrachloride, chloroform, dioxane, methylene chloride

GENERAL INFORMATION:

The high acetyl content of cellulose triacetate gives the material the highest melting point and the best resistance to organic solvents of any of the cellulose esters but at the same time gives limited compatibility with plasticizers and resins. Films prepared from cellulose triacetate have excellent toughness and hardness. They also have excellent resistance to chemicals, oils and greases. Typical applications include film bases, textile fibers, protective coatings, and filtering mediums.

STRUCTURE:



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