

TECHNICAL DATA SHEET

Grade: 2003D-009-SP

By-products (in conformity with art.5 - Directive 2018/851 – Amendment of Directive 2008/98/EC)

COMPOSITION / INFORMATION ON THE COMPONENTS

CHEMICAL NAME: POLYLACTIDE RESIN

CAS No. 9051-89-2

PHYSICAL-CHEMICAL PROPERTIES

Density: 1.25 g/cm³

Melt Flow Index (MFR) 190°C / 2,16 kg g/10 min. 5-10

Physical state: Solid

Appearance: Clear, translucent flakes

Color: Clear, Translucent

Odor: Sweet

pH: Not applicable

Vapor pressure: Not determined

Vapor density: Not determined

Evaporation rate: Not determined

Decomposition temperature: 482F (250C)

Boiling point / boiling range: Not applicable

Melting point / melting range: 150-180C (302- 356F), Tg (Glass Transition Temperature): 55-60C (131-140F)

DRYING

The resin needs to be dried before thermal processing at least 4-6 h at temperature 54°C - 60°C. The resin should not be exposed to atmospheric conditions after drying.

The eventual additives and colorants should be dried as well before to be added to the dried resin.

PACKAGING:

Big bags on the heat treated pallets.

TRANSPORT AND STORAGE CONDITIONS:

Cool and dry place.

Loading weight : 20.000-22.000 kgs



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