



## Product Datasheet

### FOR85

#### General Information

**FOR85** is unmodified tall oil rosin (TOR) product with a just right content of abietic type rosin acids for various purposes.

**FOR85** is an excellent base rosin to be upgraded for various end uses like paper sizes, printing ink binders, rubber production and adhesive resins.

#### Specification of FOR85

| Analysis                                | Value    | Method         |
|---|----------|----------------|
| Acid value                              | min. 165 | SCAN-T 11:72   |
| Colour, US Rosin standards              | max. WG  | ASTM D 509-98  |
| Free rosin acids, %                     | min. 85  | SCAN-T 14:78   |
| Softening point, Mettler cup & ball, °C | 58 - 66  | ASTM D 6090-99 |

#### Typical analyses of FOR85

| Analysis                                | Value | Method         |
|---|-------|----------------|
| Acid value                              | 171   | SCAN-T 11:72   |
| Colour, US Rosin standards              | X     | ASTM D 509-98  |
| Free fatty acids, %                     | 4     | ASTM D 5974-00 |
| Free rosin acids, %                     | 88    | SCAN-T 14:78   |
| Softening point, Mettler cup & ball, °C | 61    | ASTM D 6090-99 |
| Unsaponifiables, %                      | 5     | SCAN-T 13:74   |
|   |       |                |
|   |       |                |

#### Product handling

Melting of solid rosin requires temperatures above 150°C in order to avoid crystallization. For storing of liquid rosin thermal insulated tanks and equipment to maintain temperature between recommended 150 and 200°C are necessary.

#### Delivery form

Preferably bulk molten form (hot liquid) in road tanker or ISO-container.

**EINECS number** 232-475-7  
**CAS number** 8050-09-7  
**CN-code** 38061090