



## Product Datasheet

### FOR90

#### General Information

**FOR90** is unmodified tall oil rosin (TOR) product with a higher content of abietic type rosin acids.  
**FOR90** is an excellent base rosin to be upgraded for various end uses like printing ink binders and adhesive resins.

#### Specification of FOR90

Analysis	Value	Method
Acid value	min. 170	SCAN-T 11:72
Colour, Gardner	max.4,5	ASTM D 6166-08
Free rosin acids, %	min. 90	SCAN-T 14:78
Softening point, Mettler cup & ball, °C	min. 68	ASTM D 6090-99

#### Typical analyses of FOR90

Analysis	Value	Method
Acid value	178	SCAN-T 11:72
Colour, Gardner	3,1	ASTM D 6166-08
Colour, US Rosin standards	XB	ASTM D 509-98
Free fatty acids, %	3,5	ASTM D 5974-00
Free rosin acids, %	93	SCAN-T 14:78
Softening point, Mettler cup & ball, °C	72	ASTM D 6090-99
Unsaponifiables, %	3	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