

# Product Datasheet

## FOR85

**FOR85** is an unmodified Tall Oil Rosin (TOR) product with a precisely 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, mg(KOH)/1g	min. 168	SCAN-T 11
Colour, rosin (Gardner)	max. 5.0	ASTM D 6166, mod.
Free rosin acids, %	min. 87	SCAN-T 14
Softening point (Mettler cup & ball), °C	min. 61	ASTM D 6090

### Typical analyses of FOR85

Analysis	Value	Method
Acid value, mg(KOH)/1g	176	SCAN-T 11
Colour, rosin (Gardner)	3.3	ASTM D 6166, mod.
Free fatty acids, %	4	Internal method (calc. as oleic acid)
Free rosin acids, %	91	SCAN-T 14
Softening point (Mettler cup & ball), °C	63	ASTM D 6090
Unsataponifiables, %	4	SCAN-T 13

### Product handling

Melting of the solid rosin requires temperatures above 150 °C to avoid crystallization. For storage of the liquid rosin thermal insulated tanks and equipment to maintain temperature between recommended 150 and 200 °C are necessary. Hot, molten rosin has limited stability, and it is not intended for prolonged storage. Therefore, it should be used without unnecessary delay.

### Delivery form

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

### Product identifier

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



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