



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