

Product Datasheet

FOR90

FOR90 is an 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, mg(KOH)/1g	min. 170	SCAN-T 11
Colour, rosin (Gardner)	max. 4.5	ASTM D 6166, mod.
Free rosin acids, %	min. 90	SCAN-T 14
Softening point (Mettler cup & ball), °C	min. 68	ASTM D 6090

Typical analyses of FOR90

Analysis	Value	Method
Acid value, mg(KOH)/1g	178	SCAN-T 11
Colour, rosin (Gardner)	3.1	ASTM D 6166, mod.
Free fatty acids, %	3.5	Internal method (calc. as oleic acid)
Free rosin acids, %	93	SCAN-T 14
Softening point (Mettler cup & ball), °C	72	ASTM D 6090
Unsaponifiables, %	3	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 38061000



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