



Product Datasheet

FOR90S

General Information

FOR90S is unmodified tall oil rosin (TOR) product with high content of abietic type rosin acids.
FOR90S is an excellent base rosin to be upgraded for various end uses like printing ink binders and adhesive resins.

Specification of FOR90S

Analysis	Value	Method
Acid value	min. 170	SCAN-T 11:72
Colour, US Rosin standards	max. WW	ASTM D 509-98
Free rosin acids, %	min. 88	SCAN-T 14:78
Softening point, Mettler cup & ball, °C	63 - 66	ASTM D 6090-99

Typical analyses of FOR90S

Analysis	Value	Method
Acid value	174	SCAN-T 11:72
Colour, US Rosin standards	XA	ASTM D 509-98
Free fatty acids, %	4	ASTM D 5974-00
Free rosin acids, %	90	SCAN-T 14:78
Softening point, Mettler cup & ball, °C	65	ASTM D 6090-99
Unsaponifiables, %	4	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
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