

Product Datasheet

FOR20

FOR20 is a Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids. **FOR20** is an excellent raw material in various applications, for example, it can be used in metal working fluids, oil field chemicals, soaps, cleaners and alkyd resins.

Specification of FOR20

Analysis	Value	Method
Colour (Gardner)	max. 6.5	ASTM D 6166
Free rosin acids, %	max. 19 – 21	SCAN-T 14

Typical analyses of FOR20

Analysis	Value	Method
Acid value, mg(KOH)/1g	190	SCAN-T 11
Cloud point, °C	5	ASTM D 2500
Colour (Gardner)	4.5	ASTM D 6166
Density at 20 °C, kg/m ³	930	SCAN-T 2
Flash point (closed cup), °C	200	ASTM D 93
Free fatty acids, %	76	Internal method (calc. as oleic acid)
Free rosin acids, %	20	SCAN-T 14
Pour point, °C	-5	SCAN-T 5
Saponification number	194	SCAN-T 12
Unsaponifiables, %	3	SCAN-T 13
Viscosity at 20 °C, mPas	70	ASTM D 2196

Product handling

FOR20 should be delivered at around 50 °C, and the recommended minimum storage temperature is 40 °C. If **FOR20** is subjected to low temperatures during storage or transportation it may become cloudy or show some precipitation or crystallization. This is a normal characteristic and not a defect. If affected, the material should gently be heated to around 75 °C and circulated or agitated to restore the clear and bright condition.

Delivery form

Liquid in ISO tank container, road tanker, flexitank or IBC container.

Product identifier

EINECS number 232-304-6
CAS number 8002-26-4
CN code 38030090



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