

Product Datasheet

FOR30/40

FOR30/40 is a special Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids. **FOR30/40** 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 FOR30/40

Analysis	Value	Method
Colour (Gardner)	max. 10	ASTM D 6166
Free rosin acids, %	30 – 40	SCAN-T 14

Typical analyses of FOR30/40

Analysis	Value	Method
Acid value, mg(KOH)/1g	187	SCAN-T 11
Cloud point, °C	9	ASTM D 2500
Colour (Gardner)	7	ASTM D 6166
Density at 20 °C, kg/m ³	955	SCAN-T 2
Flash point (closed cup), °C	200	ASTM D 93
Free fatty acids, %	59	Internal method (calc. as oleic acid)
Free rosin acids, %	33	SCAN-T 14
Saponification number	190	SCAN-T 12
Unsaponifiables, %	5	SCAN-T 13
Viscosity at 20 °C, mPas	200	ASTM D 2196

Product handling

FOR30/40 should be delivered at around 60 °C, and the recommended minimum storage temperature is 50 °C. If **FOR30/40** 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 85 °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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