

Product Datasheet

FOR10

FOR10 is a Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids.

FOR10 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 FOR10

Analysis	Value	Method
Colour (Gardner)	max. 6.5	ASTM D 6166
Free rosin acids, %	max. 9 – 11	SCAN-T 14

Typical analyses of FOR10

Analysis	Value	Method
Acid value, mg(KOH)/1g	194	SCAN-T 11
Cloud point, °C	2	ASTM D 2500
Colour (Gardner)	4.5	ASTM D 6166
Density at 20 °C, kg/m ³	920	SCAN-T 2
Flash point (closed cup), °C	200	ASTM D 93
Free fatty acids, %	87	Internal method
Free rosin acids, %	10	SCAN-T 14
Pour point, °C	-7	SCAN-T 5
Refractive index at 20 °C	1.478	SCAN-T 1
Saponification number	196	SCAN-T 12
Unsaponifiables, %	3	SCAN-T 13
Viscosity at 20 °C, mPas	50	ASTM D 2196

Product handling

FOR10 should be delivered at around 50 °C, and the recommended minimum storage temperature is 40 °C. If **FOR10** 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



PDS FOR10 003 March 2023

Forchem disclaims, to the greatest extent permitted by law, all implied and express warranties of any kind regarding the products, including but not limited to suitability of the products for any particular purpose. Kindly note also that it is the sole responsibility of the buyer to respect and comply with any valid intellectual property rights of third parties in buyer's own activities.