

Metsä CTO JNO

Datasheet updated: June 2024



We manufacture Metsä Crude Tall Oil (CTO) from the best quality Nordic wood. This renewable material, which replaces fossil-based materials and fossil fuels is produced sustainably at Metsä Fibre's pulp mill in Joutseno, Finland.

Metsä CTO is typically used as a raw material in the production of adhesives, rubbers, paints, inks and biofuels. It is also used as a binder agent in cement and asphalt, and even in animal feed.

Typical product characteristics		
Property	Value	Method
Acid number	Typical 162 mg KOH/l	SCAN-T 11:72
Resin acid	Typical 34%	SCAN-T 14:78
Water content	Typical 0.5%	ASTM D 890-98
Soap number	Typical 0.1 mg KOH/l	PCTM 13

Certificates	
ISO 14001	Environmental management system
ISO 9001	Quality management system
PEFC COC	Chain of Custody, controlled sources License PEFC/02-33-21
FSC® COC/CW	Chain of Custody, controlled wood License FSC-C002102
ISO 50001	Energy management system
ISO 45001	Health and safety management system
ISO 22000	Food safety management system
ISCC	International Sustainability & Carbon Certification

Raw material	
Pine (pinus sylvestris)	55–100%
Spruce (picea abies)	0–45%

Origin of raw material	
Finland	99,6 %
Estonia	0,1 %
Latvia	0,3 %

