

Metsä CTO RMA

Crude Tall Oil

Raw material

Pine (pinus sylvestris) 55–75%	Spruce (picea abies) 25–45%
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Typical product characteristics

Property	Value	Method
Acid number	Typical 158 mg KOH/l (variance 153–162)	SCAN-T 11:72
Resin acid	Typical 33% (variance 31–35)	SCAN-T 14:78
Water content	Typical 1.0% (variance 0.7–1.5)	ASTM D 890-98
Soap number	Typical 0.2 mg KOH/l (variance 0–0.4)	PCTM 13

Mill certificates

ISO 14001	Quality management system	✓
ISO 9001	Quality system	✓
PEFC™ COC	Chain of Custody	✓
FSC® COC	Chain of Custody, Controlled wood	✓
ISO 50001	Energy management system	✓
OHSAS 18001	Health and safety management system	✓
ISO 22000	Food safety management system	✓

Origin of raw material

Finland	81%
Estonia	12%
Latvia	7%
Sweden	0,3%
PEFC	73%
FSC	12,5%