

UCY25-30 Product Datasheet

Item number: 10-005

General Information

UCY25-30 is a special Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids. **UCY25-30** is an excellent raw material in various applications. For example it can be used in metal working fluids, oil field chemicals, soaps, cleaners and alkyl resins.

Specification of UCY25-30

Analysis	Value	Method
Colour Gardner, photometer	max. 7	ASTM D 6166-97
Free rosin acids, %	25-30	SCAN-T 14:78

Typical analyses of UCY25-30

Analysis	Value	Method
Acid value	188	SCAN-T 11:72
Cloud point, °C	8	ASTM D 2500-99
Colour Gardner, photometer	4.5	ASTM D 6199-97
Density at 20 °C, kg/m ³	945	SCAN-T 2:65
Flash point, closed cup, °C	200	ASTM D 93-00
Free fatty acids, %	70	ASTM D 5974-00
Free rosin acids, %	27.5	SCAN-T 14:78
Pour point, °C	0	SCAN-T 5:67
Refractive index n ₀ at 20 °C	1,490	SCAN-T 1:65
Saponification value	192	SCAN-T 12:72
Unsaponifiables, %	3	SCAN-T 13:74
Viscosity at 20 °C, mPa.s	85	ASTM D 2196-99

Product handling

UCY25-30 should be delivered at around 50 °C and the recommended minimum storage temperature is 40 °C. If **UCY25-30** is subjected to cold 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 be gently heated to around 75 °C and circulated or agitated to restore the clear and bright condition.

Delivery form

Preferably bulk liquid in road tanker, rail tank wagon, ISO-container. Delivery in flexitanks, steel drums and IBCs is possible subject to product handling considerations above.