

UCY20 Product Datasheet

Item number: 10-012

General Information

UCY20 is a special Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids. **UCY20** 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 UCY20

| Analysis | Value | Method |
|----------------------------|----------|----------------|
| Colour Gardner, photometer | max. 6.5 | ASTM D 6166-97 |
| Free rosin acids, % | 19 - 21 | SCAN-T 14:78 |

Typical analyses of UCY20

| Analysis | Value | Method |
|-------------------------------------|-------|----------------|
| Acid value | 190 | SCAN-T 11:72 |
| Cloud point, °C | 5 | ASTM D 2500-99 |
| Colour Gardner, photometer | 4.5 | ASTM D 6199-97 |
| Density at 20 °C, kg/m ³ | 930 | SCAN-T 2:65 |
| Flash point, closed cup, °C | 200 | ASTM D 93-00 |
| Free fatty acids, % | 76 | ASTM D 5974-00 |
| Free rosin acids, % | 20 | SCAN-T 14:78 |
| Pour point, °C | -5 | SCAN-T 5:67 |
| Refractive index at 20 °C | 1.484 | SCAN-T 1:65 |
| Saponification value | 194 | SCAN-T 12:72 |
| Unsaponifiables, % | 3 | SCAN-T 13:74 |
| Viscosity at 20 °C, mPas | 70 | ASTM D 2196-99 |

Product handling

UCY20 should be delivered at around 50 °C and the recommended minimum storage temperature is 40 °C. If **UCY20** 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.