



UNITED CHEMICAL

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Technical Data Sheet: UCORP120

PRODUCT DESCRIPTION UCORP120 hydrocarbon petroleum resin is modified aliphatic resin with a unique combination of light color, high softening point and large melt viscosity designed for Oscillation Hot-melt Thermoplastic Road Marking Paint.

Good flowage
High drying rate
High softening point
Large melt viscosity
High abrasion performance
Good heat stability and suitable for all weather

MAIN APPLICATION Oscillation Hot-melt Thermoplastic Road Marking Paint.

| TYPICAL PROPERTIES | | |
|---------------------------|---------------------------|-------------------|
| Appearance | | Yellowish Granule |
| Color | Gardner in 50% toluene,# | 5.0 max |
| Softening Point | °C | 110-120 |
| Ash Content | (wt.%) | 0.05max |
| Acid Value | (KOH mg/g) | 0.8-1.8 |
| Cloud Point | (1:1:2 resin/EVA/wax), °C | 120 max |
| Flash Point | °C | 275 min |
| Melt Viscosity | CPS @200 °C | 1100-1300 |
| Specific Gravity | 20/20 °C | 0.98 |
| Heat Resistance | (180°C 2h)Gardner,# | 7.0 max |

PACKAGING Packed in craft paper bags laminated with PE bags, 25kgs net weight and we also supply the packing according client request.

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