



**UNITED CHEMICAL**

**United Chemical Company**

North Kaizhou Road, Puyang

Henan, China. 457000

[www.united-chem.cn](http://www.united-chem.cn)

Fax: 0086 393 4662499

Email: [technic@united-chem.cn](mailto:technic@united-chem.cn)

---

## Technical Data Sheet: UCRP100

---

**PRODUCT DESCRIPTION** UCRP100 hydrocarbon petroleum resin is Maleic Anhydride etc. modified aliphatic resin with a unique combination of light color, low odor designed for high class Hot-melt Thermoplastic Road Marking.

Good flowage

High drying rate

High abrasion performance

Good heat stability and suitable for all weather

Even distribution of filler material without settling

**MAIN APPLICATION** Hot-melt Road Marking Paint Paper Sizing Agent  
Hot-melt Thermoplastic Road Marking

### TYPICAL PROPERTIES

Appearance		Yellowish Granule
Color	Gardner in 50% toluene,#	5.0 max
Softening Point	°C	98-105
Ash Content	( wt.%)	0.05 max
Acid Value	(KOH mg/g)	0.8-2.4
Cloud Point	(1:1:2 resin/EVA/wax), °C	120 max
Melt Viscosity	CPS @200 °C	170-230
Flash Point	°C	275 min
Specific Gravity	20/20 °C	0.97
Heat Resistance	(200°C 3h)Gardner,#	7.0 max
Molecular Weight	GPC, Mw	1300 to 1700

### PACKAGING

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

The information in this bulletin is believed to be accurate, but all recommendations are made without warranty since the conditions of use are beyond United Chemical Company's control. The listed properties are illustrative only, and not product specifications. United Chemical Company disclaims any liability in connection with the use of the information, and does not warrant against infringement by reason of the use of its products in combination with other material or in any process.