

## C9 PETROLEUM (HYDROCARBON) RESIN

### **Properties:**

C9 Petroleum (Hydrocarbon) Resin is a low molecular weight thermoplastic aromatic resin produced from petroleum derived C9 fraction through thermal-polymerization technique. It's a transparent granular solid or flakes with the color of light yellow. It has the properties of good solubility, mutual solubility, water resistance, insulation, excellent chemical stability over acid and alkali, good adhesive strength, and low heat conduction.

### **Detailed Specification:**

Color (Gardner 1:1)	10-13	ASTM D 1544
Softening Point (Ring & Ball, 'C)	110-120	ASTM E 28

### **Typical Datas:**

Softening Point (Ring & Ball, 'C)	115	ASTM E 28
Color (Gardner 1:1)	10. 11,12,13	ASTM D 1544
Acid Value (KOHmg/g)	0.1	ASTM D 974
Ash %	0.05 max	ASTM D1063
Bromine	20	
Iodine g I2/100g	20	

### **Applications:**

1. **Paint:** It is widely used in marine paint and alkyd coating. Putting it in can increase the glossiness, adhesive power, hardness, resistance of acid and alkali.
2. **Adhesive:** By putting it in the bonding strength, resistance of acid, alkali and water of the adhesive and pressure-sensitive Tape can be increased and the production cost can be lower down
3. Rubber

**Packing:** 25kg plastic or kraft bags , 750kg big bags  
1x20fcl = 18mts without pallets, 15mts with pallets for 25kg bags

**Storage:** Keep resin in ventilation place and away from heater