

**PR-120-11****C9 HYDROCARBON RESIN****SPECIFICATIONS**

Item	Testing Index	Testing Result	Test Method
Colour Gardner(Ga#)	10.5-11.2	11	ASTM D6166
Softening Point(Ring&Ball, °C)	110.1-120.0	117	ASTM E28
Acid Value (mgKOH/g)	≤0.50	0.02	ASTM D-974
Ash Content ( %)	≤0.05	0.01	ASTM 2451

**1. CHARACTERISTICS**

**PR-120-11** is a thermoplastic, solid at ambient temperature having pale yellow-colored Granule form. The major usages is for paint, ink etc.

**2. APPLICATION**

- ※ Alkyd paint, anti-corrosive paint, marine coating
- ※ Off-set ink

**3. PACKAGE**

- ※ 25 kg craft paper bags, big bags of 700kgs.

**4. STORAGE**

- ※ This product should be stored in ventilated, cool, dry, clean and have a good fire control facilities in the warehouse. Storage the products from the ground, away from the wall 10 ~ 20 cm, stacking height is less than 3m, Proper spacing between pile and pile, in order to assure the material is dry, prevent moisture, prevent sun direct illuminate, the normal temperature in warehouse is not more than 35 °C, and humidity is not more than 85%. With properly storage conditions, the effective storage period is 1 year.

**5. SUGGESTION**

- ※ Please try to use the materials within three months from date of production, it suggest to retest after more than three months, Avoid to cause unnecessary losses.

**Applications:** The product is mainly used as fertilizer in paint, rubber, adhesives, printing ink industries .

Packing, storage and transportation: This product is packed in three-in-one kraft paper. Its net weight is 25kg per sack. The packing can be changed by client's requirements. It can be transported by truck ,train, ship etc. But it must avoid sun-scorched,rain-drenched and damp ,hook. Do not store or transport with alkali or oxidant. This product is a non-dangerous chemical. It should be in ventilated,cool and dry places,for one year storage.

**Products Specification:**

No.	Item	Index	SP-90	SP-100	SP-110	SP-120	SP-130	SP-140
1	Softening point, °C		80-90	90-100	100-110	110-120	120-130	130-140
2	Color, (Ga#)		5-10	5-10	5-10	5-10	5-10	5-10
3	Acid value, mgKOH/g	≤	0.3	0.3	0.3	0.3	0.3	0.3
4	Bromine value, g/100g	≤	35	35	35	35	35	35
5	Density(20°C), g/cm3		0.99-1.03	0.99-1.03	0.99-1.03	0.99-1.03	0.99-1.03	0.99-1.03
6	Ash, %≤		0.04	0.04	0.04	0.04	0.04	0.04