



FORMOSA PLASTICS CORPORATION

FORMOLON PR-F

PR-F is a high molecular weight plastisol dispersion resin which exhibits low paste viscosities as well as excellent heat stability and air release. This product was designed for medical glove, toy, and other areas where high physical properties are essential.

CHARACTERISTICS OF FORMOLON PR-F:

- ★ Low Brookfield viscosity and middle Severs viscosity
- ★ Properly yield value for dipping molding
- ★ Good air release property of plastisol
- ★ Excellent mold release property
- ★ Excellent elasticity and softness of foaming products
- ★ Good stability of plastisol.

TYPICAL RESIN PROPERTIES:

K-Value	75.5~78.5	DIN 53726
Polymerization degree	1,600 ±100	JIS K6721
Volatiles	0.50 % ↓	ASTM D3030
Apparent density	0.25~0.35 g/c.c	ASTM D1895

TYPICAL PLASTISOL¹ PROPERTIES:

Brookfield viscosity ²	3,000 ~ 4,000 cps	ASTM D1824
Severs ³	120 g/100sec ↑	ASTM D1823

Notes:

1. Resin 100phr DOP 60phr, hobart N-50 mixed 5min at No1 speed and 15min at No2 speed.

2 Plastisol aged 2hrs at 25°C, measured No.6 spin 50rpm.

3. 2hr plastisol detected on 90psi.