

## JR-1804

### Excellent Properties for Formulation having High Dipole Moments

JR-1804 is new polymers of special physical properties have been developed through the syntheses and studies of thermally stable polymers. JR-1804 is phenol novolac polymer with branched functional moieties which mixed easily with other resinous material, metal, inorganic filler, and especially high polar material as a glass through inter-molecular and intra-molecular addition and/or intercalation. It's properties after cured with other thermally curable polymers are excellent for mechanical strength, adhesive strength and chemical resistance without the release of volatile byproducts. JR-1804 has broad application in surface coatings. It is recommended for industrial coating, EMI shielding, NLO coating, top coating, electro-conductive ink, construction and civil work application.

#### ■ Application

- Non linear optics coating
- Conductive silver paste (for through hole PCB)
- Laminating, PCB, F/W, composite
- Good adhesion properties for glass
- General coating
- Adhesives

#### ■ Specification

ITEM	RESULT	REMARK
Appearance	Brownish liquid	-
Viscosity	9,200(20℃)	mPa.s
Refractive Index	1.508	±0.005
N. V.	65	wt%
Solvent	BCA	35wt%

#### ■ Packing

Steel drum of 195kg net weight.