

Technical Data

TDNo. R-13E

Resitop for coatings

Automotive coatings, coatings for metal container and insulation varnish are main application of phenolic resin coatings. The advantages of phenolic resin coatings are high temperature resistance, chemical stability, water resistance and high adhesiveness with metal. Gun ei chemical Industry Co., Ltd. develops and provides phenolic resin, which has the suitable property for various types of coatings.

【solid type】

Property Resitop	Melting point	Reaction time with tung oil min/250 * 1	Tung oil solubility * 2	Note
PS-4900	85 ~ 95	50 ~ 80	1 +	Primer +High adhesion
PS-2980	75 ~ 85	40 ~ 65	4 +	High water resistant •Quick drying
PS-2880	70 ~ 79	38 ~ 47	6 + <	Tube coatings
PS-2607	65 ~ 80	15 >	-	Coil varnish +Electro insulation
PS-2780	80 ~ 90	-	-	Coil varnish •Compatible with alkyd

* 1 phenolic resin/tung oil = 1/1(wait basis) * 2 Lower value indicate better solubility
(values are obtained by Gun ei internal test method)

【Liquid type】

Property Resitop	Gel time min/140	Viscosity m Pa · s/25	Non volatile %	Note (solvent • caution flammable)
PL-2243	12 ~ 20	150 ~ 250	57 ~ 62	Tube coatings • butanol
PL-2207	2 ~ 6	250 ~ 400	58 ~ 62	High water resistant • methanol
PL-2407	5 ~ 10	100 ~ 300	58 ~ 62	Coil varnish •methanol

The above values are typical information and are not guarantee value.

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