

## Rosin Modified Phenolic Resin

### Description

PHE 5005 99 is rosin modified phenolic resin which offers high melting ,high molecular weight good solubility , low tack type resin.

<b>PHE 5005 99</b> <b>Typical Physical</b> <b>and Chemical Properties</b>
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### Suggested uses

Sheetfed offset ink  
 Web offset ink.  
 Lithographic Inks  
 Gravure Printing Inks

### Compatibility

Long Oil Alkyds	Compatible
Medium Oil Alkyds	Compatible
Rosinated alkyds	Compatible
Vegetable Oils	Compatible
Stand Oil	Compatible

### Solubility / Thinnability

Aromatic Hydrocarbons  
 Aliphatic hydrocarbon  
 Esters  
 Ketones  
 Varnishes  
 Vegetable Oils  
 Insoluble in Alcohols

% Non Volatile Content	100
Melting Point Ball & Ring °C	150- 160
Acid Value (mg Koh/gm)Max.	25
Reducer	50 % in Toluene
Colour in Gardner Scale Maximum	
50 % solution	12
Viscosity in FCB4 @ 25 °C	
50 % solution	50 - 70
MTO /WS Tolerance Minimum	1 : ∞

### Storage

The large contact surface the pieces of resin present make them susceptible to gradual oxidation, which can be more advanced in some batches than others. This can cause darkening and/or affect the resin's solubility in organic solvents. Therefore, we strongly recommend keeping strict control of inventories at all times, and taking special care to ensure that the oldest material is used first. We suggest a shelf life of 1 year for this product.

### Packing Codes

PAC 3010	HDPE Wovensack	Net 25 Kgs.
PAC 3011	Paper Laminted HDPE Bag	Net 25 Kgs.
PAC 3015	Jumbobag HDPE Wovensack	Net 300 Kgs
PAC 3020	Jumbobag HDPE Wovensack	Net 500 Kgs

\* Special packing also available on request