

Rosin Modified Phenolic Resin

Description

PHE 5004 99 is rosin modified phenolic resin which offers high melting ,high molecular weight very high solubility , self gelling type resin.

PHE 5004 99
Typical Physical
and Chemical Properties

Suggested uses

Sheetfed offset ink
 Web offset ink.

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.	20
Reducer	50 % in Toluene
Colour in Gardner Scale Maximum	
50 % solution	12
Viscosity in FCB4 @ 25 °C	
50 % solution	160 - 180
MTO /WS Tolerance Minimum	1 : 10

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