

Rosin Modified Phenolic Resin

Description

PHE 5007 99 is rosin modified structured visco-elastic phenolic resin which offers high melting ,high molecular weight high solubility , low tack resin.

Suggested uses

Webset(heatset and coldset) offset inks
Sheetfed offset inks

Waterless/letterpress

Colored news 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

Special Properties / Advantages

High solubility / very high gloss and fast setting

Press Stability/stability of rheology under high shear conditions

Water balance/ No misting

Holdout

High melting point/heat resistance

Low Tack

No/Less gelling

PHE 5007 99 Typical Physical and Chemical Properties

% Non Volatile Content	100
Melting Point Ball & Ring °C	145- 155
Acid Value (mg Koh/gm)Max.	25
Reducer	40 % in Xylene
Colour in Gardner Scale Maximum	
40 % solution	12
Viscosity in FCB4 @ 25 °C	
40 % solution	45 - 55
MTO /WS Tolerance Minimum	1 : ∞
Cloud Point (10% inPKWF 6/9 AFN)	85 °C

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

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