

## Technical Data Sheet

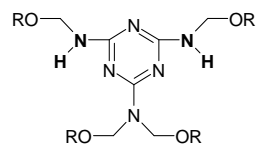
### CHARACTERISTICS

Imino type, reactive, high solid, n-butylated melamine formaldehyde resin

### FORM OF DELIVERY

80% in n-Butanol

### STRUCTURE



### SPECIFICATION

Determined per batch

#### Property

#### Viscosity DIN EN ISO3219-B

Gardner-Holdt 25°C  
(435-1200-3)

Z - Z4

DIN 53117 (23°C)

[mPas]

3200-9800

#### Non-Volatile Matter / Solids

Foil, 45min at 45°C  
(435-1200-19)

[%]

78-82

DIN EN ISO 3251  
1h, 120°C, 2g+2ml l-Butanol

[%]

74-78

#### Solvent Tolerance (ASTM-Amine)

(435-1200-25-1)

[ml/g]

4-11

#### Color, APHA

(435-1019)

30 max.

#### Haze, APHA

(435-1019)

5 max.

#### Density (Liquids)

(435-1200-30) at 25°C

LB./Gal.

8.7-9.0

#### Formaldehyde Content (Sulfite)

DIN EN ISO 11402

[%]

<1,0

Not continually determined

#### Flash Point (Pensky Martens, closed cup)

analog. DIN EN 22719

[°F]

90  
(32°C)

#### Degree of polymerisation, DP

(GPC/PS I)

2.20

### COMBATIBILITY /USES :

Resimene 750 is a reactive butylated MF resin, which is highly compatible with alcohols, esters, ethers and ketons;

R 750 is partially compatible with polar solvents like heptane, hexane and is incompatible with water.

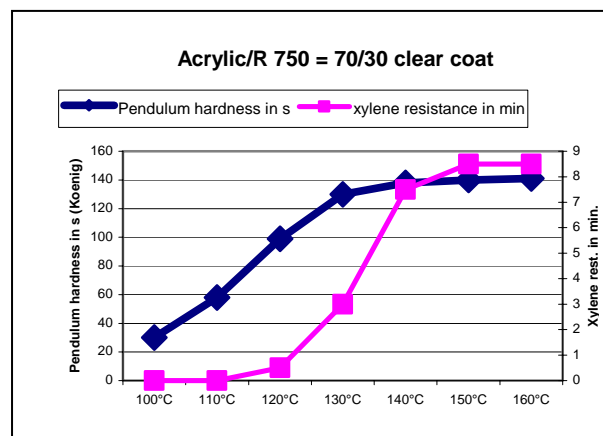
R 750 provides a good cure response in combination with a high formulation stability.

R 750 could be blended in preferably 70/30 solid/solid ratios with alkyds, Polyester and acrylics to yield medium solid top and clear coats. For base coats and primers a 80/20 -70/30 solid/solid ratio with acrylics and Polyesters is recommended.

R 750 is also compatible with high molecular weight type of CABs used in base coats.

To increase cure response especially in lower baking type of formulations strong and weak acid catalysts could be added.

### REACTIVITY






### STORAGE STABILITY:

At temperature up to 25°C the storage stability of Resimene 750 packed in original containers amounts to at least 12 months. Some turbidity may occur in isolated cases but this has no effect on product quality.



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