

UF RESIN REPLAMINE-5820

TECHNICAL DATA SHEET

R-5820 Iso Butylated Urea Formaldehyde Resin

PRODUCT DETAILS

| | |
|---|-------------------------------|
| Colour On G-Scale : | % Free Formaldehyde Content : |
| 1 Max | 0.5 Max |
| Viscosity @25°C on G-Scale | M.T.Tolerance (V/V Basis) : |
| as such : | 1: 2-3 |
| 10.7 – 22.7 Ps | Xylene Tolerance : |
| % Non-Volatiles Content (105°C /2 Hrs) : | Infinite |
| 60±2 (on Aluminium foil) | |
| Acid Value (mg of KOH / gm) : | |
| 3.5 Max | |

SUGGESTED USES

R-5820 is a fast reactive ecofriendly Iso Butylated Urea Formaldehyde Resin specifically designed for the low emission of the formaldehyde gas. It is mainly recommended for the acid cured wood finishes. Short Alkyd:**R-5820**::70:30 on the solid resin basis with acidic hardener is suggested as the basis for the stoving enamels/varnishes

DRYING TIME WHEN CURED WITH ABOVE COMPOSITION

| | |
|-----------|---------------|
| Dry Time | 5 Minutes Max |
| Tack Free | 40 Minutes |
| Hard Dry | 240 Minutes |

STORAGE

Storage stability of **R-5820** at or below temperature 35°C packed in original container can withstand upto 12 months.

DILUTION

Soluble in Butanol, Cellosolve, esters, ketones and Aromatic Hydrocarbons.
Compatible with the short oil alkyds.

APPLICATION

Rapid curing and very good color and color retention in baking enamels. Very good build and high gloss in nitro cellulose lacquers. Very quick in acid curing.
LOW FREE FORMALDEHYDE.
LOW ODOUR