

REPLASTER-R-627

TECHNICAL DATA SHEET

R-627 Saturated Polyester Resin

These reactive saturated polyester resins are cross-linked With methylated/ butylated MF and benzoguanamine resins in the Ratio of 80:20 to achieve desired performance in stoving paint.

Delivery Form: 65% in C10/BG (70:30)

PRODUCT DETAILS

Color on 'Scale:

2 max.

Appearance:

Clear

Viscosity at 25°C. On Brookfield:

30-40 Ps (Spindle-27, RPM -20)

%Nonvolatile at 150°C/1 hr.

65± 2

Hydroxyl Value mg of KOH/gm:

50-60

Acid Value mg KOH/gm

10 Max

Finish on Hegman Gauge:

7+

Principal Properties

- Economy in use
- Excellent flexibility
- Excellent Adhesion

SUGGESTED USES

- Low cost oil free polyester developed for Coil coating primer coats.
- General industrial stoving applications.
- (Curing schedule 150°C / 30.0 min)

STORAGE

Storage stability of R-627 at or below temperature 35°C packed in original container can withstand up to 12 months.

Other product data:

Sp.gr 25°C	- Appr.1.06 g/m ³
Flash point	- Appr. 24 °C
OH content	- 1.6 %

Compatibility

R 629	- good
R-623	- good
MF Amino resin	- good
Epikote 1007(40%)	- good
Cymel 303	- good
CAB 551-0.2	- limited

Dilutability:

Solvesso 150	- limited
Xylene	- Complete
Butyl glycol	- Complete
n- Butanol	-limited
Methyl Ethyl ketone	- Complete
1-Methoxy 2-propyl acetate	- Complete