

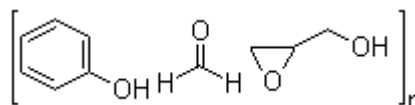
TECHNICAL DATA SHEET

NAME OF COMMODITY: **Novolac Resin 638**
Offset to: **DOW D.E.N. 438**

CAS NO.: 28064-14-4

MOLECULAR FORMULA: $(C_6H_6O)_x \cdot (CH_2O)_x \cdot (C_3H_6O_2)_x$

MOLECULAR WEIGHT:



STRUCTURE FORMULA:

| TESTS | SPECIFICATIONS |
|-------------------------------|------------------------|
| Appearance | Transparent Semi-Solid |
| Epoxy Equivalent, g/eq | 172-185 |
| Color | 3 Gardner Max |
| Hydrolyzable Chloride Content | 1000 Ppm Max |
| Viscosity @ 52°C | 20000-50000 mPa•S |

Resin 638 is a semi-solid phenol Novolac based multi-functional epoxy resin. Due to higher functionality it offers high crosslink density and is useful in improving the performance of cured epoxy resin systems, particularly at elevated temperatures or involving high chemical resistance. It exhibits better retention of electrical and mechanical properties at elevated temperatures

APPLICATION:

Uses of this resins include; heat resistant adhesives, casting and moldings and coatings and structural and electrical laminates. Resin 638 is a raw material for epoxy acrylate ink for PCB applications.

PACKING: net 220kg drum; 17.6mt / 20' fcl, palletized