



SYNPOL PRODUCTS PRIVATE LTD.

Regd Office & Factory: 77, G.V.M.S. AUDYOGIC VASAHAT LTD.,
ODHAV, AHMEDABAD – 382 415, INDIA

PRODUCT CODE: PHENOLIC / 07.05

Synpol LQ-6

TYPE : Butylated phenol formaldehyde resin.

DESCRIPTION : Catalyzed butylated phenolic resin specially developed for carbon track potentiometer application.

SPECIFICATIONS :

1) Appearance	Clear brownish yellow thin liquid.
2) Density @ 25 ⁰ C.	0.99 - 1.00
3) % Solids @ 120 ⁰ C. for 2 hrs.	58 - 62
4) Solvent	n-Butyl Alcohol
5) Viscosity @ 25 ⁰ C. , poise.	2 - 7
6) Curing schedule @ 140 - 160 ⁰ C., minutes	10 - 20

SOLUBILITY :

Synpol LQ-6 is soluble in alcohols, esters, ketones, aromatic hydrocarbons.

APPLICATIONS :

Synpol LQ-6 is specially developed for carbon filled coatings for carbon track potentiometer where method of application is by screen printing. The coating for screen printing application is made by dispersing 4 - 6 % carbon black (1000 mesh size) in colloid mill or other suitable machine. Necessary viscosity is adjusted by special quality thinner to required viscosity so as to get desired film thickness on phenolic laminates. Then it is cured at 140 - 160⁰ C. for 10 - 20 minutes.

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DISCLAIMER: Above Specifications are subject to change without prior notice and company reserves the right to modify the same at any time

