



उत्पाद मानक संघारित
अभियांत्रिकी निर्देश

**PRODUCT STANDARD
CAPACITOR
ENGG. INSTRUCTION**

CR 90105

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7.2

FLASH POINT, COC °C :

145°C Minimum (Annex. C of IS 13067) or 140°C Minimum. (Pensky Marten's Apparatus IS : 1448 Part 21)

7.3

KINEMATIC VISCOSITY AT 37.8°C : 3.3 to 5.3 cST. (IS:1448 Part 25).

7.4

WATER CONTENT : 50 ppm Max. (IS 335).

7.5

REFRACTIVE INDEX : 1.56 ± 0.01 (ASTM D 1218).

This is a typical test and shall be conducted once for every 10 batches of supply.

8.0

CHEMICAL PROPERTIES:

8.1

NEUTRALISATION VALUE (TOTAL ACIDITY) :

0.01 mg KOH/gm. Max. (IS : 1448 Part 2)

8.2

ACTIVE EPOXIDE CONTENT:

0.7 ± 0.1% by Wt. (Titrate against N/10 Hydrobromic Acid Solution).

9.0

ELECTRICAL PROPERTIES:

9.1

DIELECTRIC STRENGTH (BDV) 2.5 mm GAP : 70 kV Min. (IS : 6792)

9.2

DIELECTRIC CONSTANT 50 Hz / 100 Hz at 90°C :

Min. 2.45 (IS 6262)

9.3

DISSIPATION FACTOR AT 50 Hz / 100 Hz AT 90°C :

0.1% Max. (IS : 6262)

9.4

RESISTIVITY AT 90°C : 100 X 10¹² Ohm-cm Min. (IS : 6103)

9.5

POUR POINT:

This is a typical test and shall be conducted once for every 10 batches of supply. The limiting value shall be -24°C (IS:13067).

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दि. Dt.
19.10.10

