

# Connector Compound - CN11

CN11 is a connector compound formulated with speciality mineral oils enriched with advanced thermoplastic elastomers and polymers. It is also fortified with powerful antioxidants for superior oxidative stability. The formulation is specifically developed for superior thermal, oxidative and hydrolytic stability.

## TYPICAL PROPERTIES:

Test parameters	Specification	Value
Appearance	a) No contamination b) No presence of bubble c) Clear surface, free from crack d) Uniform color	Pass
Color	White transparent	Pass
Homogeneity	No undissolved particles or lump	Pass
Cone penetration at 25 <sup>0</sup> C, dmm. (ASTM D-937)	210-240	220-230
Air entrapment	No bubble formation on surface of compound after 2 hrs at 80 <sup>0</sup> C	Pass
Thermal stability/oil separation	No oil separation at 80 <sup>0</sup> C, 24 hrs	Pass
Crack test	No crack on the surface of the jelly after 24 hrs at 80 <sup>0</sup> C	Pass
DC volume resistivity	>1X10 <sup>10</sup> Ω	>1X10 <sup>15</sup> Ω
Water absorption*	>1X10 <sup>10</sup> Ω after 10 days	>1X10 <sup>15</sup> Ω
Copper corrosion	No blackening of copper after 7 days at 80 <sup>0</sup> C	Pass
Drop point <sup>0</sup> C (ASTM D-566)	≥190 <sup>0</sup> C	Pass
Oxidation induction time (ASTM D-3895)	Minimum 60 minutes	Pass

\*Measure resistivity after immersion in water for 10 days

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed.

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- PACKING** : Packed in 18 Kg. lots in bucket
- STORAGE** : To stored at room temperature ( 25<sup>0</sup>C approx. ), free from moisture & high humidity in original packed condition.
- SHELF LIFE** : One year from the date of manufacture under above prescribed storage conditions.