

HV 1133

Silicone Elastomer for 11/33KV Insulator Application

PRODUCT DESCRIPTION

HV 1133 is a 65 durometer ready to use peroxide cured silicone rubber compound for 11/33KV insulator applications for performance in all types of environments.

KEY PRODUCT FEATURES

- Good 11/33KV Insulation Properties
- Excellent Processability
- Superior Water Repellence (Hydrophobicity)
- Good Dielectric Strength
- Adequate Mechanical Properties

STORAGE

HV 1133 material should be kept away from direct sunlight. It is recommended to store below 30C in original packing for achieving optimal results

PROCESSING

HV 1133 is suitable for molding applications. Cure and processing conditions should be verified by the fabricator and will depend on the processing equipment used.

SAFETY INFORMATION

During the vulcanization of this product, small amounts of rubber base volatiles and peroxide decomposition products are released. Work areas must be well ventilated.

PACKAGING

This product is available in 20 kg boxes sheeted, preformed or bulked, wrapped in plastic film

Test	Standard	value
Hardness	ASTM D2240 (Shore A)	65
Arc Resistance	ASTM 495	200sec
Volume Resistivity	ASTM D257-14	2.8×10^{13} Ohm-CM
Dielectric strength	ASTM D149	19 KV/mm

These figures are intended as a guide and should not be used in Preparing specifications

Contact Details

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The data presented in this document are in accordance with our present knowledge, but do not absolve the user from carefully checking all supplies receipt. We reserve the right to alter product formulations within the scope of technical progress or new developments. The recommendations made in this document should be checked by trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.