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**ABSTRACT OF DISCLOSURE**

The composition of the present invention is a kind of crosslinked, flame-retardant resin composition, which comprises a base polymer of EVA-VC, chlorinated polyethylene, thermal stabilizers, antioxidants, flame-retardant fillers, lubricants and monomers with multifunctional group.

The composition essentially comprises 100 weight parts of EVA-VC, 10 to 70 weight parts of chlorinated polyethylene, 40 to 120 weight parts of flame-retardant fillers, and 5 to 20 weight parts of monomer with multifunctional group.

In addition, the composition is crosslinked by electron beam to be used as the material for sheath layer of electric wire or cable durable to high voltages.

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