CLAIMS

1. A flame-resistant termite-resistant cable including a sheath, the flame-resistant termite-resistant cable comprising:

the sheath having a surface on which a polypropylene termite-resistant layer including a polypropylene composition is provided;

wherein the polypropylene composition contains (A) a propylene homopolymer and (B) a resin component having a solubility parameter greater than or equal to 7.0 and less than or equal to 9.5, a tensile strength S_1 of the polypropylene composition being greater than or equal to 27 MPa at a yield point in a tension test, and a slope S_1/S_2 of the tensile strength S_1 and an elongation percentage S_2 of the polypropylene composition being greater than or equal to 2.8 at the yield point.

2. The flame-resistant termite-resistant cable as claimed in claim 1, wherein the polypropylene composition contains (A) the propylene homopolymer being greater than or equal to 90% by mass and less than 100% by mass and (B) the resin component being greater than 0% by mass and less than or equal to 10% by mass with respect to the total of (A) the propylene homopolymer and (B) the resin component being 100% by mass.

3. The flame-resistant termite-resistant cable as claimed in claim 1 or claim 2, wherein (B) the resin component includes one of or a combination of two kinds of a copolymer of propylene and an α

olefin other than propylene, a vinyl resin, a diene rubber, an ethylene-propylene rubber, an ethylene-propylene-diene rubber, and a thermoplastic elastomer.

4. The flame-resistant termite-resistant cable as claimed in one of claims 1 to 3, wherein the polypropylene composition further contains a flame retardant having a melting peak temperature less than or equal to 230 ℃, the flame retardant content is greater than or equal to 1% by mass and less than or equal to 10% by mass with respect to the total of (A) the propylene homopolymer and (B) the resin component being 100% by mass.

5. The flame-resistant termite-resistant cable as claimed in one of claims 1 to 3, wherein the polypropylene composition further contains a flame retardant having a peak mass loss rate of 1% at a temperature less than or equal to 300 ℃, the flame retardant content is greater than or equal to 1% by mass and less than or equal to 10% by mass with respect to the total of (A) the propylene homopolymer and (B) the resin component 100% by mass.

6. The flame-resistant termite-resistant cable as claimed in one of claims 1 to 5, wherein the sheath includes a double-layer structure in which a polyvinyl chloride layer formed of a polyvinyl chloride composition and the polypropylene termite-resistant layer are layered from an inner side to the surface.

7. The flame-resistant termite-resistant cable as claimed in claim 6, wherein the polypropylene termite-resistant layer has a thickness greater than or equal to 0.5 mm and is less than or equal to 50% of a thickness of the polyvinyl chloride layer.

CLAIMS

1. A flame-resistant termite-resistant cable including a sheath, the flame-resistant termite-resistant cable comprising:

the sheath having a surface on which a polypropylene termite-resistant layer including a polypropylene composition is provided;

wherein the polypropylene composition contains (A) a propylene homopolymer and (B) a resin component having a solubility parameter greater than or equal to 7.0 and less than or equal to 9.5, and a flame retardant having a melting peak temperature less than or equal to 230 ℃, the flame retardant content is greater than or equal to 1% by mass and less than or equal to 10% by mass with respect to the total of (A) the propylene homopolymer and (B) the resin component being 100% by mass, a tensile strength S_1 of the polypropylene composition being greater than or equal to 27 MPa at a yield point in a tension test, and a slope S_1/S_2 of the tensile strength S_1 and an elongation percentage S_2 of the polypropylene composition being greater than or equal to 2.8 at the yield point.

2. A flame-resistant termite-resistant cable including a sheath, the flame-resistant termite-resistant cable comprising:

the sheath having a surface on which a polypropylene termite-resistant layer including a polypropylene composition is provided;

wherein the polypropylene composition contains (A) a propylene homopolymer and (B) a resin component having

a solubility parameter greater than or equal to 7.0 and less than or equal to 9.5, and a flame retardant having a peak mass loss rate of 1% at a temperature less than or equal to 300°C, the flame retardant content being greater than or equal to 1% by mass and less than or equal to 10% by mass with respect to the total of (A) the propylene homopolymer and (B) the resin component being 100% by mass, a tensile strength S_1 of the polypropylene composition being greater than or equal to 27 MPa at a yield point in a tension test, and a slope S_1/S_2 of the tensile strength S_1 and an elongation percentage S_2 of the polypropylene composition being greater than or equal to 2.8 at the yield point.

3. The flame-resistant termite-resistant cable as claimed in one of claim 1 or claim 2, wherein the polypropylene composition contains (A) the propylene homopolymer being greater than or equal to 90% by mass and less than 100% by mass and (B) the resin component being greater than 0% by mass and less than or equal to 10% by mass with respect to the total of (A) the propylene homopolymer and (B) the resin component 100% by mass.

4. The flame-resistant termite-resistant cable as claimed in one of claims 1 to 3, wherein (B) the resin component includes one of or a combination of two kinds of a copolymer of propylene and an α olefin other than propylene, a vinyl resin, a diene rubber, an ethylene-propylene rubber, an ethylene-propylene-diene rubber, and a thermoplastic elastomer.

5. The flame-resistant termite-resistant cable as claimed in one of claims 1 to 4, wherein the sheath includes a double-layer structure in which a polyvinyl chloride layer formed of a polyvinyl chloride composition and the polypropylene termite-resistant layer are layered from an inner side to the surface.

6. The flame-resistant termite-resistant cable as claimed in claim 5, wherein the polypropylene termite-resistant layer has a thickness greater than or equal to 0.5 mm and is less than or equal to 50% of a thickness of the polyvinyl chloride layer.