

ABSTRACT

There is provided a polyamide resin composition which has excellent acid resistance and is lightweight and hence can be advantageously used in applications of a part for exhaust gas passing therethrough by EGR.

A polyamide resin composition comprising a polyamide resin (A), glass (C), and optionally a styrene polymer (B1) and a modified PPE (B2), wherein the total amount of A, B1, and B2 and the amount of C are, respectively, 40 to 95% by weight and 60 to 5% by weight, based on the weight of the composition, wherein the amount of A and the total amount of B1 and B2 are, respectively, 50 to 100% by weight and 50 to 0% by weight, based on 100% by weight of the whole of A, B1, and B2, wherein when C contains glass containing no boron oxide (C1), the amount of C1 is 60 to 5% by weight, based on the weight of the composition, wherein when C does not contain C1, A is a polyoxamide resin, or the amount of A and the total amount of B1 and B2 are, respectively, 50 to 90% by weight and 50 to 10% by weight, based on 100% by weight of the whole of A, B1, and B2, and wherein B1 has a deflection temperature under load of 140 to 280°C.