



Basically,
a transformer consists of two main parts

0 magnetic core

0 winding.

The portion of the core on which winding is placed is known as limbs.

the part of the core connecting the limbs is known as yoke.

In all type of transformer mag core is made up of thin sheet of steel lamination which are insulated from each other by a thin rayer of verniss to we the reday current ross

the thickness of lamination varies from 0.35mm to
0.5 mm

Qt 50 Hz

4 The material used for core should be such that,

ot 25 Hz.

(min) flux. read to create the read amount of



4 Fot this purpose steel is used as it has (T permeability) so v current is regd. to create / produce suita amount of flux. The winding is made up of insulated copper winding connected to · supply = primary winding · 10 0 d = secondary winding Beside, magent lare & winding, a suitable container is used where assembled core & winding are placed. suitable medium Ly used for insulating ware 3 -sformer container rivitable medium 4 bringing out the termingis of windings outside the container



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	on posis of construction
0	core type transformer @ shell type transform.
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