

MEDICAL TUBES

ABSTRACT

Medical tubes are well balanced in transparency,
flexibility, heat resistance, scratch resistance and rubber
5 elasticity.

The medical tubes including a propylene polymer
composition (A) that contains a polymer with propylene units,
at least part of the polymer having an isotactic structure and
the total of the propylene units of the polymer being in an
10 amount of 65 to 82 mol% (the total of the structural units of
the polymer in the composition is 100 mol%), and that satisfies
the following (a1), (a2) and (b1):

(a1) the modulus in tension is in the range of 5 to 25
MPa as determined in accordance with JIS K 6301;

15 (a2) the penetration temperature is 120°C or above as
determined in accordance with JIS K 7196; and

(b1) when a tube being made of the composition (A) and
having an inner diameter of 2.1 mm, an outer diameter of 3.5mm
and a length of 20 cm is looped by inserting both ends thereof
20 into a hollow jig having a hole 10 mm in diameter and 5 mm in
height and, then, the both ends of the tube are pulled down
until a kink occurs in the loop, the distance H from the upper
surface of the jig to the upper end of the loop is not more
than 60 mm.

25 Fig. 1