

33 A piece of conducting putty is in the shape of a cylinder of length 60 mm and diameter 20 mm.
The resistance between the ends of the cylinder is 20Ω .

What is the resistivity of the putty?

A $0.033\Omega\text{m}$

B $0.10\Omega\text{m}$

C $0.42\Omega\text{m}$

D $5.2\Omega\text{m}$