

B-20.05

Howorth Dental Products is a London-based producer of a patented anti-microbial dental floss. All raw material is introduced at the beginning of the production process, but considerable processing time is needed to create the anti-microbial qualities of the specially designed floss. Howorth measures output in meters of floss and applies the weighted-average process costing method. The following information is available for a recent period:

Beginning work in process inventory:

140,000 meters at a cost of £46,200 for direct materials, £24,900 for direct labor, and £24,900 for factory overhead. The conversion process was 55% complete.

Units started into production:

260,000 meters

Units completed and transferred to finished goods:

380,000 meters

Ending work in process inventory:

20,000 meters, 30% complete

Additional costs incurred during the period:

Direct materials £85,400

Direct labor, £98,200

Factory overhead, £98,600

Prepare a cost of production report for Howorth.