A car has a mass of 1500 kg. It is moving at a speed of 20 m/s along a straight road. What is the momentum of the car?

Given:

Mass of car: m = 1500 kg
Speed of car: v = 20 m/s

Determine: momentum of car: p

Use formula:

$$p = mv = 1500 \times 20 = 30{,}000 \text{ kg m/s}$$