

Sports & Medical

Thermoformable Products

VESTENAMER's low melting point between 54-56°C makes it a perfect choice for thermoformable products for sports, orthopedics, or medical immobilization devices. It can be easily sculptured in molten state, e.g. by gentle heating in hot water. The crystallinity of 35% of thermoplastic VESTENAMER makes a good compromise between enough hardness and pleasant elasticity at room temperature. Its recrystallization rates in cooling phase allow easy modeling. VESTENAMER is colorless and can be blended with polycaprolactone (PCL) to all ratios what offers a wide range in engineering the final material.

Key benefits

- Low melting point, easy to model
- Sufficient modeling time during cooling phase
- Pleasant haptics
- Sculpturable at room temperature by scissel, sand paper, or knife
- Colorless and colorable
- Blends well with PCL materials

