Copolymer Polypropylene

**Material Characteristics**

- Lightweight
- Versatile
- Rigid
- High impact strength
- Maintains impact strength down to -20°C/-4°F
- Has the ability to constantly flex without fracturing
- Shrinkage of less than 1%*
- Manufactured to exacting specifications, guaranteeing consistent moulding performance

*As measured in a study conducted by NCTEPO at the University of Strathclyde

**Applications**

- Ankle Foot Orthosis - AFOs
- Bodyjackets
- Dynamic Ankle-Foot Orthosis - DAFOs
- Definitive Prosthetic Sockets
- Functional Foot Orthosis - FFOs
- Knee Ankle Foot Orthosis - KAFOs
- Lightweight Prosthetic Liner Sockets

**Material Specifications >**
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Sheet size for orthotics:
2440 x 1220mm

Square size for prosthetics
500 x 500mm, 460 x 420mm, 406 x 406mm, 343 x 343mm, 305 x 305mm

Available in the following thickness:
2mm, 3.1mm, 3.5mm, 4.7mm, 6mm, 9mm, 12mm, 15mm
Tolerance on thickness: ±5%

Available in the following colours:
Black, Flesh, Poppy Red, Royal Blue, Solid White, Yellow

(Colours not available in every thickness. Please contact us for availability).

Moulding temperature:
Orthotics 180°- 200°C / 356°- 392°F
Prosthetics 200°- 220°C / 392°- 428°F

Cooking time:
3 minutes per mm thickness

N.B. As all ovens have slightly different heating characteristics please use our recommended timings as a guide only.