

Ortholight

Thermoformable Foam

Supplier:

OrtoPed Inc.

Features & Benefits:

- Exceptionally lightweight and durable structural material for foot orthotics
- Thermoformable
- Can be bonded with regular adhesives
- Can be cut with scissors
- Easy to sand
- Rigid

Specifications:

- Cross-linked polyethylene foam
- Composition: low density polyethylene, 100%;
dicumyl peroxide, <1%;
azodicarbonamide, <20%;
organic pigment, <3%
- Temperature resistance: -60 to 90°C (-76 to 194°F)
- Tensile strength: 820 kPa
- Density: 300 Kgs/m³
- Elongation: > 155%
- Deflection (25%): 90–125 kPa
- Heating time: 2–3 minutes per mm thickness
- Working temp: 104 to 121°C (220 to 250°F)
- Durometer: Shore A 60

Indications:

- Foot orthotics

Call Points:

- Orthotist
- Pedorthist
- Orthotic technician
- Podiatrist
- Chiropodist

Warranty:

- Against manufacturers defects



See Materials Catalog 2007/08, #66 (page 48)

Item No.	Description	Size	Unit
OP-ORTHOLIGHT-10	Cross-linked polyethylene foam	2100 mm x 1100 mm x 10 mm	Sheet