



# Copolymer Polypropylene

# Copolymer Polypropylene

## Material Specification

| Natural Copolymer Polypropylene         |                 |                       |
|-----------------------------------------|-----------------|-----------------------|
| Thickness                               | Sheet size (mm) | Colour                |
| 2 mm                                    | 2000 x 1000     | Natural               |
| 2 mm                                    | 2440 x 1220     | Natural               |
| 3 mm                                    | 2000 x 1000     | Natural               |
| 3.1 mm                                  | 2440 x 1220     | Natural               |
| 3.5 mm                                  | 2440 x 1220     | Natural               |
| 4 mm                                    | 2000 x 1000     | Natural               |
| 4.7 mm                                  | 2440 x 1220     | Natural               |
| 5 mm                                    | 2000 x 1000     | Natural               |
| 6 mm                                    | 2000 x 1000     | Natural               |
| 6 mm                                    | 2440 x 1220     | Natural               |
| Natural Copolymer Polypropylene Squares |                 |                       |
| 9 mm                                    | 305 x 305       | Natural               |
| 9 mm                                    | 343 x 343       | Natural               |
| 9 mm                                    | 406 x 406       | Natural               |
| 12 mm                                   | 305 x 305       | Natural               |
| 12 mm                                   | 343 x 343       | Natural               |
| 12 mm                                   | 406 x 406       | Natural               |
| 12 mm                                   | 460 X 420       | Natural               |
| 15 mm                                   | 343 x 343       | Natural               |
| 15 mm                                   | 406 x 406       | Natural               |
| 15 mm                                   | 460 X 420       | Natural               |
| Coloured Copolymer Polypropylene        |                 |                       |
| 2 mm                                    | 2000 x 1000     | Flesh                 |
| 3 mm                                    | 2000 x 1000     | Flesh                 |
| 3 mm                                    | 2440 x 1220     | Black / Flesh / White |
| 4 mm                                    | 2000 x 1000     | Flesh                 |
| 4.5 mm                                  | 2440 x 1220     | Black / Flesh         |
| 5 mm                                    | 2000 x 1000     | Flesh                 |
| 6 mm                                    | 2440 x 1220     | Black                 |

## Material Characteristics

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 Orthoses - AFOs  
Body Jackets  
Dynamic Ankle Foot Orthoses - DAFOs  
Definitive Prosthetic Sockets  
Functional Foot Orthoses - FFOs  
Knee Ankle Foot Orthoses - KAFOs

### 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.*