

Understanding Engineered Polyurethane & Polyurethane Applications

Polyurethane is a resilient, flexible and durable polymer material that is found in thousands of applications across a wide range of industries.

It can be formulated to provide extremely rigid materials through to soft formulations and foams. Since its invention in the 1940s, polyurethane has been used in a wide range of applications, from baby toys to airplane wings, and it continues to be adapted for contemporary technologies.

BMP is one of the World's leading processors of polyurethanes utilising the latest material technologies providing an exceptional technical capability.



BMP is vertically integrated into the manufacture of high specification Spin Cast Polyurethane sheet and Moulded Polyurethane components.

BMP can formulate and manufacture polyurethanes that meet clients critical to function requirements and where necessary, provide bespoke parameters that include hardness, abrasion resistance, elongation, resilience, flame retardency, UV light stability and colour.



In-house CAD, tooling capability, vacuum casting vessels, curing ovens, humidity/temperature controlled testing labs and die stamping/cutting equipment combine to make BMP a truly world-class Polyurethane processor.



BMP's custom Polyurethane systems utilise the latest material technologies providing clients with an exceptional technical competency. In-house CAD, tooling capability, vacuum casting vessels, curing ovens, humidity/temperature controlled testing labs and die stamping/cutting equipment combine to make BMP a truly world-class Polyurethane processor.

