



ULTRARAY
RADIATION PROTECTION

Borated Polyethelene

Ultrarray Radiation Protection's Borated Polyethylene is an effective neutron shielding material widely used in medical, nuclear and industrial conditions.

Consistent in density and homogeneity, its ability to attenuate and absorb neutron radiation has made it an attractive polymer of choice in a variety of applications. This polymer material can be easily fabricated with woodworking tools; however, we offer CNC machining solutions to your specifications for a wide variety of neutron-shielding needs.

We supply various types and grades of Borated Polyethylene: 1% (Grade II, yellow), 2% (Grade III, red) or 5% (Industrial Grade, purple or green) elemental boron content by weight or virgin formulas are available in sheets, blocks, pellets and slabs.

