Trionda: FIFA World Cup match ball

The Trionda match ball features a design inspired by the three co-hosts, a unique four panel construction, and technology which logs every movement to aid match officials' decisions

Tetrahedron
Platonic solid with four equilateral triangular surfaces

Trionda panel
Triangle's edges curved to fit together over surface

Trionda ball



Country icons



Ball surface: Deep seams and debossed lines to provide evenly distributed drag for optimal in-flight stability

Connected Ball Technology Side-mounted 500Hz inertial measurement unit motion sensor chip

Identifies time and location of each touch of ball – including handball and offside incidents

Embossed icons: For improved grip when dribbling or striking

Three counter-balances to offset weight of chip

Sources: adidas, FIFA, Scientific American

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