

Cross-Link Polyethylene for Super Tough Applications

For the very toughest of products Matrix has developed the ultimate material – Revolve XL400 Cross-Link Polyethylene (XLPE).

- Truly outstanding ESCR and toughness, even at minus 40 degrees C
- Excellent chemical resistance and widely used for producing chemical containers
- 0,945 density means that this material is much stiffer than LLDPE
- TÜV approved for use in diesel tanks for trucks, tractors and buses



Diesel fuel tank for tractors

Another application can be found at the following link where material performance were tested

<https://www.youtube.com/watch?v=CikCCnflDz8>

During the rotomoulding process, just after the melting temperature of the material, the cross-linking reaction takes place by generating a network of chemical links across the polymer chain.

Matrix Polymers is uniquely specialised in developing and producing materials just for the Rotomoulding process and supplies and supports Rotomoulders globally. The company believes that our industry will continue to expand and new applications will be able to be developed by introducing fresh, innovative and exciting new materials.

For any information about Matrix Polymers and any other product please info@matrixpolymers.com

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