

Case Study



ICORENE® 1505 XPE

Crosslinked HDPE

Chemical storage tanks

Features:

- *Low “odour” during processing*
- *Outstanding ESCR*
- *Excellent thermal resistance*
- *High notched impact strength*
- *High part definition*
- *TÜV approved, ECE R34 annex 5*



Description:

Chemical storage tanks used for the storage of harsh industrial chemicals, requires a material which has a superior heat, impact and chemical resistance.

Solution:

ICORENE® 1505 is a cross-linkable HDPE with very low odour when processed. This grade doesn't contain many of the hazardous components which is normally used in the formulation of crosslinked grades. This grade is a unique material that offers the advantage of high-flow moulding and high molecular weight part performance which is required for chemical tank applications.

Result:

A crosslinked material with excellent impact strength, higher heat resistance, good chemical resistance, remarkable toughness and superb flow properties. This grade is available in natural, black and colour compounds.

For further information, please contact sales.emea.sp@schulman.com

Angélique Brocatus-Kooijmans, May 2017

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