

Icorene 1440 - HDPE grade, specifically designed for rotomolding applications

Exceptional ESCR with excellent impact resistance and good stiffness



Courtesy Tektem

Courtesy Biorock tank, Rotomade

Icorene 1440 is a hexene based high density (HDPE) Polyethylene processed using a proprietary catalysis system. At 10% Igepal, this exclusive grade has excellent ESCR (Environmental Stress Crack Resistance) and easily exceeds 1.000 hours. Icorene 1440 is designed for use in large tanks, including agricultural and chemical storage containers, due to its superior performance in ARM impact resistance at -40°C.

Icorene 1440 is fully UV stabilized and versatile enough to be used in a wide range of large applications. Customers who need to address difficult requirements, such as in chemical storage tanks with inner walls, benefit from the smooth surface, less warpage and outstanding impact properties.

Furthermore, agricultural applications, such as dieseltanks, benefit from Icorene 1440's high impact and breakage resistance as well as its numerous approvals.

Features

- Hexene based material
- Excellent mechanical properties
- Exceptional ESCR BTT and FNCT
- High impact resistance at -40°C
- TÜV and DiBt approved
- Easy processing
- Low shrinkage
- Fully UV- and heat-stabilized
- Available in color compounds

Specific applications



Water tanks



Industrial tanks



Chemical storage containers



Technical and large parts



Heating oil tanks



(Bio) diesel and Ad-Blue tanks



Septic tanks and sewage systems

About us

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LyondellBasell is a market leading supplier of Specialty Powders. We serve a broad portfolio of our Specialty Powders to the rotomolding, carpetbacking and masterbatch industry. For more information about LyondellBasell Specialty Powders, please reach out to your account manager or send us an email to ASI-Sales.emea.sp@lyondellbasell.com.

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