

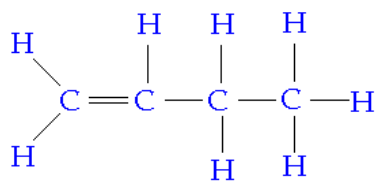
Tough, stiff and high UV Revolve 6329U designed for Large Tanks up to 50,000 litres

Under the "Designed for Roto" programme, Revolve 6329U has been developed by Matrix for making large tanks for a multitude of applications. The material has the following features and benefits:

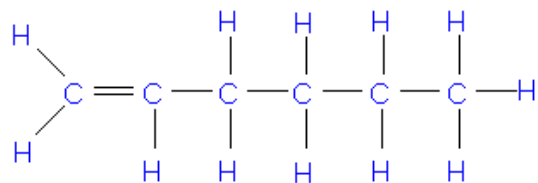
- 0,939 density, so about 15% stiffer than 0,935 density grades with superior long term high-load creep performance
- Hexene (C6) co-monomer – so excellent Stress Crack (ESCR) and chemical resistance properties
- UV15, so long term protection from degradation caused by the sun and extended product life
- High levels of anti-oxidants giving a wide processing window, meaning that large tanks can be moulded on open-flame as well as oven machines

In their operating life, tanks would need to withstand a number of severe challenges governed by the nature of the particular application. In general terms, tanks would need to be in service for many years under high load, therefore resistance to creep is very important to high quality rotomoulded tanks.

Revolve 6329U is based on a hexene co-monomer and, because the higher number of Carbon atoms as shown in the picture, this makes the material tougher and more resistant to creep and fatigue. The impact resistance is also greater than butene grades.



C4 – 4 Carbon atoms



C6 – 6 Carbon atoms

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 email sales@matrixpolymers.com or visit www.matrixpolymers.com