



## Description

Rotathene 6329 is a rotational moulding polyethylene hexane (C6) grade. It has been designed to provide an outstanding balance of properties such as stiffness, impact strength, mouldability, ESCR and creep. The grade carries a series of international approvals and certifications and complies with many international standards within the tank industry. Rotathene 6329 is designed for chemical, diesel fuel and water tanks. It complies with the base resin requirement of AS/NZS 4766 Polyethylene.



## Features and Benefits

- Good stiffness
- Excellent impact strength
- UV15 stabilised

Available as,

- Natural pellets & powder
- Black pellets & powder
- Coloured powder

Typical applications

- Water tanks
- Diesel tanks
- Heating oil tanks



## Physical Properties

PHYSICAL PROPERTIES	TEST METHOD	VALUE	UNIT
MFI	ASTM D1238	3.0	g/10min
Density	ASTM D1238	0.939	g/cm <sup>3</sup>
Tensile strength @ Yield (50 mm/min)	ASTM D638	20	MPa
Flexural Modulus (1.3 mm/min)	ASTM D790	790	MPa
Tensile Elongation (50 mm/min)	ASTM D638	1000	%
ESCR at 100% Igepal	ASTM D1693	>1000	hours
UV Rating	ASTM D2565	15000 UV15	hours UV

This information is to the best of our knowledge accurate. However, the circumstances and conditions in which it may be used are beyond our control and we do not accept liability for any loss or damage that may occur nor do we offer any warranty of immunity against patent infringement. The values indicated in the tables only describe typical properties. They do not constitute specification limits.