

## DESCRIPTION

Alkathene WRM124 is a high flow low density polyethylene which offers excellent gloss and flow / toughness ratio coupled with a low tendency to warp.

## APPLICATION

Alkathene WRM124 is designed specifically for caps, housewares and toys. WRM124 is not recommended for high stress crack resistance applications. Suitability for use in any application should be determined by appropriate performance testing.

## FOOD CONTACT / PRODUCT SAFETY

For food contact information please refer to the Regulatory Data Sheet at [genos.com](http://genos.com). For product safety information please refer to the Safety Data Sheet at [genos.com](http://genos.com).

Polymer Properties	Value <sup>1</sup>	Units	Test Method
Melt Index @ 190°C, 2.16 kg	22	g/10 min	ASTM D1238
Density	0.920	g/cm <sup>3</sup>	ASTM D1505

Moulding Properties	Value <sup>1</sup>	Units	Test Method
Tensile Strength at Yield <sup>2</sup>	11	MPa	ASTM D882
Durometer Hardness	53	Shore D	ASTM D2240
Flexural Modulus (1% Secant) <sup>3</sup>	230	MPa	ASTM D790B
Melting Point	112	°C	ASTM D3418
ESCR - 10% Igepal (F <sub>50</sub> )	<1	hrs	ASTM D1693 Condition B

1. Typical values - not to be construed as specifications.
2. At 500 mm/min cross head speed.
3. At 12.7 mm/min cross head speed.

For up to date information, refer to [genos.com](http://genos.com)

This information is offered solely for your consideration, investigation, verification and shall not be construed as a warranty or representation for which Qenos Pty Ltd assumes legal liability, except to the extent that such liability is imposed by legislation and cannot be excluded. Values quoted are the result of tests on representative samples, and the product supplied may not conform in all respects. Qenos Pty Ltd reserves the right to make any improvements or amendments to the composition of any grade or product without alteration to the code number. In using Qenos Pty Ltd's products, you must establish for yourself the most suitable formulation, production method and control tests, to ensure the uniformity and quality of your product in compliance with all laws. Qenos Pty Ltd ACN 054 196 771 is the registered user of the Qenos Logo which is registered trademark of Qenos Pty Ltd. "Alkathene" is a trademark of Qenos Pty Ltd.