

Alkathene®

Polyethylene



Grade
WNC199

Major End Use
EXTRUSION COATING

Description
Alkathene WNC199 is an extrusion coating grade exhibiting very low odour and taint and excellent heat seal characteristics . It also has good drawdown allowing low coating weights whilst maintaining very good adhesion to a variety of substances .

Application
Ideally suited for liquid packaging and other sensitive food packaging laminates .

Specifications
If this product is used for food contact applications, then the user needs to ensure compliance with the requirements of AS2070-1999 and relevant FDA regulations. When used in accordance with FDA application guidelines, this product meets the requirements of FDA 21 CFR 177.1520 (c) 2.1 and AS2070-1999 section 4.1.1(a). This product should not be used in applications for holding food during cooking without the required compliance testing . This information is only for the Major End Use described on this Product Data sheet. For further information, please contact your primary Qenos contact..

Safety
Material Safety Data Sheets for all Qenos polyethylene grades are available from Qenos .



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Qenos Pty Ltd ACN 054 196 771

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Physical Properties				
Property	Test Method ¹	Value ²	Units	
Melt Index @190°C, 2.16kg	ASTM D1238	8.0	g/10 min	
Density	ASTM D1505	0.918	g/cm ³	
Vicat Softening Temperature	ASTM D1525	90	°C	
Crystalline Melting Point	ISO306-Method A	106	°C	
Adhesion	With Corona	Estimate of fibre tear	30	%
	Without Corona	Extrusion onto paper @ 320°C and 200m/min speed	65	%
Typical Neck-in	Measured one side with coating weight 10g/m ² , line speed 100mm/min and melt temperature 320°C	11	mm	

1. Test procedures may be modified to accommodate operating conditions or facility limitations .
2. Typical values - not to be construed as specifications .

For up to date information , refer to www.qenos.com

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Values quoted for "Alkathene" polyethylene 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.

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