

## DESCRIPTION

Alkadyne HDF193N is a non-pigmented high molecular weight bimodal High Density Polyethylene. Alkadyne HDF193N contains antioxidants to protect it during extrusion and end use.

## APPLICATION

Alkadyne HDF193N has been designed as a base resin for pipe striping and jacket compounds where High Density PE100 Type resin is required. Addition of a UV stabilizer should be considered where the intended application involves intermittent to extended exposure to sunlight. Suitability for use in any application should be determined by appropriate performance testing.

## PRODUCT SAFETY

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, 5.0 kg	0.31	g/10 min	ASTM D1238
Melt Index @ 190°C, 21.6 kg	8.9	g/10 min	ASTM D1238
Density	0.952	g/cm <sup>3</sup>	ASTM D1505/D2839

Pipe Properties	Value <sup>1</sup>	Units	Test Method
Oxidative Induction Time (210°C)	>20	Minutes	ISO 11357-6
5.4 MPa, 80°C Pressure	>165	Hours	AS/NZS 1462.6

1. Typical values - not to be construed as specifications.

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. "Alkadyne" is a trademark of Qenos Pty Ltd.