

## DESCRIPTION

Alkadyne HCR193WTE is a white pigmented, UV stabilised high density polyethylene compound. It is manufactured from a base resin that complies with PE100 requirements outlined in AS/NZS 4131 and PIPA POP016 requirements for high stress crack resistance (HSCR) polyethylene compounds. HCR193WTE meets requirements for “striping and jacket compounds” outlined in AS/NZS 4130 Section 7.3 and material requirements for white PE jacket compounds suitable for long term UV exposure outlined in PIPA POP017.

## APPLICATION

Alkadyne HCR193WTE is suitable for use as a striping and jacketing compound for identification of PE100 HSCR pressure pipes. It is not intended for solid wall coloured pipe applications. HCR193WTE offers the outstanding toughness expected of PE100 HSCR compound and has excellent resistance to the effects of ultra-violet light exposure during prolonged pipe storage.

## COMPLIANCE

Alkadyne HCR193WTE complies with the requirements for striping and jacketing compounds outlined in AS/NZS 4131 for PE100 type compounds, POP016 for PE100 HSCR compounds and PIPA POP017 for white PE jacket compounds suitable for long term UV exposure. It is intended to be used for manufacture of pipes that conform to AS/NZS 4130.

## PRODUCT SAFETY

For product safety information please contact your primary Qenos contact.

Polymer Properties	Value <sup>1</sup>	Units	Test Method
Melt Index @ 190°C, 5.0 kg	0.2	g/10min	ISO 1133
Density	0.969	g/cm <sup>3</sup>	ASTM D1505/D2839
Oxidation Induction Time @ 200°C	>40	minutes	ISO 11357-6
Colour	White	-	Visual

1. Typical values - not to be construed as specifications. Values quoted are the result of tests on representative samples and the product supplied may not conform in all respects

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