

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 qenos.com.

| Polymer Properties | Value ¹ | 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 ³ | ASTM D1505/D2839 |

| Pipe Properties | Value ¹ | 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 qenos.com



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