

Centrene® HDF193N

High Density (HMW) Polyethylene

Qenos Pty Ltd

Message:

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

Centrene® 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.

General Information			
Features	Antioxidant		
	Bimodal Molecular Weight Distribution		
	High Molecular Weight		
Appearance	Natural Color		
Processing Method	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/21.6 kg	8.9	g/10 min	
190°C/5.0 kg	0.31	g/10 min	
Thermal	Nominal Value	Unit	Test Method
Oxidation Induction Time (210°C)	> 20	min	ISO 11357-6
Pipe Stress Rupture - 5.4 MPa (80°C)	> 6.9	day	AS/NZS 1462.6

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