

Certificate of Analysis

Producer :	Oceanize
Reference number	Material from Fish Farms

Norner AS is maintained by ISO 9001:2008 and administrated by certification body "Det Norske Veritas".

The certification of ISO9001 is valid from 2009.04.16

PROPERTIES*	UNIT	TEST METHOD	TEST VALUE	Max / Min
MFR 190°C / 5.0kg	g/10min	ISO1133	0.30	0.32/0.26
Density	Kg/m ³	ISO 1183-1/A	952	954/951
Tensile modulus @ 23°C 1 mm/min	MPa	ISO527-2	887	920/820
Stress at yield @ 23°C, 50 mm/min	MPa	ISO527-2	29	30/26
Strain at yield @ 23°C, 50 mm/min	%	ISO527-2	11	11/11
Charpy Impact notched @ 23 °C	kJ/m ²	ISO 179/1eA	24	35/19
OIT / Thermal Stability at 210 °C	Min	ISO11357	32	34/19
HDT, Method B (0.45 MPa)	°C	ISO75-2	61	63/55
ShoreD @ 23 °C		ISO868	60	60/59
Ash residue	ppm	ISO 3451-1	578	780/460
Additives / anti-oxidant (active)	ppm	Norner internal	1050	1300/780

*Based on average on tests of 5 random batches

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