



Inspection Certificate

According to UNI EN 10204 - 3.1

NUPI Industrie Italiane spa

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Lot M-000975 Inspection Start Date 22/01/2019 Inspection End Date 29/01/2019

Item ETCE090 PE100 SDR11 PN16 TE ELET.D/ CODOLO D.90
Start Batch M-000975 Start Lot Date 22/01/2019 Qty To Prod. 500
Conformity to EN 12201 - EN 1555

Notes



Characteristics

Characteristic Description Certificate Additional Description	Standard Test Condition	Sample	Measure Unit
Carbon Black Content Test (ASTM D4218)		N. 2	%
	550°C-40 min-200ml/s		2.0000
Density	ISO 1183 ASTM D2389	N. 1	g/ cm ³
	23°C		0.9600
Dimensional check	ISO 3126 FM 1613	N. 2	mm
Diameter/ Wall thickness/ SDR	23°		PASS
Marking	EN 12201 EN1555	% 100	
			PASS
Melt Flow Index PE	ISO 1133	N. 1	g/ 10 min
Fitting	190 °C - 5 Kg		0.4000
Melt Flow Index PE	ISO 1133	N. 1	g/ 10 min
Raw Material	190 °C - 5 Kg		0.3900
Oxidation Induction Time	ISO 11357	N. 1	g/ 10 min
	210°C>20 min.		PASS
Pressure test (ASTM D1598) FM 1613		N. 2	
	t >5s - 3,2 x 175 psi		PASS
Pressure test PE100	ISO 1167	N. 2	
	80°C 5,4 MPa >165h		PASS
Surface Condition	EN 12201 EN1555	% 100	
			PASS
Welding test and check resistance	EN 12201 EN1555	% 100	
	23°		PASS

Raw Material

Pos	Item Code	Item Description	Supplier Lot	Melt Flow Index (Supplier Certif.)
	51PE100TUB121	PE100 Nero Ineos/ Solvay TUB121	E1833269	0.3900

Quality Department

Quality Reference



INGEMAR
Administración
Tel.: 0351 - 4525213

Este certificado ha sido impreso
desde el sitio web
www.ingemar.com.ar
Copia fiel del original

0800-888-5213