Технический паспорт 3.1 по стандарту UNI EN 10204:2005
INSPECTION CERTIFICATE 3.1 according to UNI EN 10204:2005

КОД / CODE :	Изделие / PRODUCT :	ПАРТИЯ / BATCH
2111160110AA	**колено электросварное 90° d. 110 SDR11** **EF 90° ELBOW d. 110 SDR11**	**I00247**

ССЫЛКА НА ЗАКАЗЧИКА / CUSTOMER REFERENCE

Изделие- СЫРЬЁ / PRODUCT - RAW MATERIALS

		Партия пост./Supplier Batch	Партия/Batch
A.1] I	**колено электросварное 90° d. 110 SDR11**		**I00247**
A.2] I	**Polyethylene PE100-RC Hostalen CRP100 RESIST CR bl**	**YB0645T01**	**F20517**

ДАТА ИЗГОТОВЛЕНИЯ ИЗДЕЛИЯ-ДЕТАЛЕЙ/ PRODUCTION DATE PRODUCT-COMPONENTS: 03/2020 - 03/2020

B

протокол испытаний / TEST REPORT

Характеристика / Метод испытания Characteristic / Test Method			ЕИ M.U.	Требования Requirements	Результаты Results
Контроль внешнего вида / Appearance control	[EN 1555 - EN 12201]	(b)			ПОЛОЖ
Контроль маркировки / Marking control	[EN 1555 - EN 12201]	(b)			ПОЛОЖ
Средний внутренний диаметр / Mean inside diameter	[EN ISO 3126]	(b)	mm	110,7 - 111,1	110,95
Овальность / Out-of-roundness	[EN ISO 3126]	(b)	mm	<=0,4	0,3
Электросопротивление / Electrical resistance	[EN 1555 - EN 12201]	(b)	ohm	0,92 - 1,04	0,9485
Прочность на давление / Hydrostatic strength	[EN ISO 1167]	(b)	h	>=165	[2020030045] 165
Контроль штрих-кода сварки / Fusion system recognition	[EN 1555 - EN 12201]	(b)			ПОЛОЖ

C

протокол испытаний / TEST REPORT

Характеристика / Метод испытания Characteristic / Test Method			ЕИ M.U.	Требования Requirements	Результаты Results
MFR - Индекс текучести / MFR - Melt mass-flow rate	[EN ISO 1133]	(b)	g/10 min	0,2 - 1,4	0,264
OIT - время индукции окисления / OIT - Oxidation induction time (T=210°C)	[ISO 11357-6]	(b)	min	>=20	76,5
MFR - Индекс текучести / MFR - Declared melt mass-flow rate	[EN ISO 1133]	(a)	g/10 min	0,2 - 1,4	0,24
OIT - время индукции окисления (T=210°C) / OIT-Decl. oxidation ind.time (T=210°C)	[ISO 11357-6]	(a)	min	>=20	65
Обычная плотность / Conventional density	[ISO 1183]	(a)	g/cm3	>=0,93	0,956

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E-mail: info@eurostandard.it - Website: www.eurostandard.it

Сажевое содержание / Carbon black content	[ISO 6964]	(a)	%	2 - 2,5	2,32

Результаты во второй колонке таблицы отмеченные (a), относятся к полиэтилену, который используется для изготовления указанных изделий/деталей; данные результаты выведены из контрольного сертификата выданного поставщиком сырья.

Результаты во второй колонке таблицы отмеченные (b), получены выбором образцов в случайном порядке из одной партии изделий, в соответствии с планом самопроверки.
Полиэтиленовые фитинги "EURO" соответствуют стандартам UNI EN 1555-3, EN 1555-3, UNI EN 12201-3, EN 12201-3, UNI EN ISO 15494, EN ISO 15494, согласно моделям и диаметрам в приложениях к «Сертификатам Соответствия и Лицензии на пользование знака качества RINA» от № . 0610/01 до № 0610/12, опубликованным на сайте www.eurostandard.it

Results, pointed out with (a) in the second column, relate to the polyethylene used in the manufacture of these products; the indicated results are representative of the Certificate of Analysis provided by the raw material supplier.
Results, pointed out with (b) in the second column, are representative of production samples randomly selected from the same production batch as the delivered parts, in accordance with the relevant test plans.
Fittings belonging to "EURO" series are produced and tested in compliance with standards UNI EN 1555-3, EN 1555-3, UNI EN 12201-3, EN 12201-3, UNI EN ISO 15494, EN ISO 15494, as per types and diameters detailed in annexes to "Certificates of Conformity and Licence to Use the RINA Quality Mark" from N. 0610/01 to N. 0610/12 published on website www.eurostandard.it

Eurostandard S.p.A.
Менеджер по Качеству
Eng. Maurizio Tiso

Дата / Date: 20/04/2020

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E-mail: info@eurostandard.it - Website: www.eurostandard.it

Polyethylene PE100-RC Hostalen CRP100 RESIST CR bl F20517

lyondellbasell

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EUROSTANDARD
ZONA INDUSTRIALE LAGO
38038 TESERO
Italy

Inspection Certificate 3.1 according to EN 10204

Date
21.02.2020
Reference no./Date
a20025 / 23.01.2020
Delivery item/Date
8102495303 900001 / 28.02.2020
Order item/Date
5010077980 000060 / 23.01.2020
Customer number / Our contact person
132138 / STEFANO CRISTOFOLETTI

EUROSTANDARD
ZONA INDUSTRIALE LAGO
38038 TESERO

Delivery item/Date
8102495303 900001/28.02.2020

Page
2

Material: Our / Your description
18957A00 **HOSTALEN CRP 100 RESIST CR BLACK** /

On the batch, of which the consignment is a part, the following values were determined.
They conform to the agreed product specification.

Batch **YB0645T0I**
Customer Batch Number

Property	Value	Unit
MFR 190°C/5 ISO 1133-1	0,24	g/10 min
Density ISO 1183 23°C	0,956	g/cm3
Water content ISO15512	0,006	wt%
Carbon Black Content ISO 6964	2,32	wt%
Odour Value (TON) EN 1622	1,5	
Organoleptic prop. NF T54-951	0,5	
OIT 210°C ISO 11357-6 / EN 728	65	min
Dispersion note ISO18553	1,3	
Rating of appearance ISO18553	A2	
FNCT 4MPa 80°C 2% Ark.ISO16770	> 8760	HOURS
FNCT-Certificate-No.	20001602-1	
Date of FNCT-Certificate	13.02.2020	

Austria: ÖVGW-Qualitätsmarke GAS, Reg.-No. G2.964 / Approved according QS-G392-1 as PE100-RC
Austria: "ÖNORM-geprüft" by Austrian Standard, Conformity with ÖNORM EN 1555-1, ÖNORM EN 12201-1, Reg.No. N2011 147 / N 001111
Switzerland: SVGW -Zertifikat K195, Certified for water and gas acc. SVGW GW/TPG-TPW 101 (10/04)
France: AFNOR NF-Mark NF 114 LNE-Reg.-No. 10/03, Conformity with NF EN 1555-1, NF EN 12201-1
The batch conformes to the certification rules of NF 114. The values comply with the specifications in NF114 part 2, table1.
Spain/Portugal: AENOR Product Certificate No. 001/005137 and 001/005136, Conformity with UNE EN 1555-1, UNE EN 12201-1
Nordic Countries: INSTA-CERT Certificate No. 5089, Conformity with INSTA SBC EN 1555, INSTA SBC EN 12201
Italy: PIIP-Conformity mark. Conformity with EN 1555-1, EN 12201-1, EN ISO 15494 / Compound code: 017 PE100 + Association: Listed as "PE100 + Quality material" (www.pe100plus.com/PE-Pipes/materials

The above particulars do not release the customer from the obligation to carry out an inspection of goods received.

Batch released on behalf of Basell Sales and Marketing Company B.V. by plant Quality Control Department.

This document is electronically generated, based on current specification and is not signed.

Our Quality Management System is certified.

CONFORME

Firmato digitalmente da Gluca
Motivo: A1130000015_F2517
Data: 2020.02.27 16:03:29 +01'00'

Corporate Quality Manager: Arie van Prooijen

Note 1: Organoleptic properties on granules calculated from correlation between methods TZW and NF 114
Note 2: FNCT measured with correlative test method: ACT or SHT (ISO 18448). Correlation approved by DIN CERTCO
Traceoding Code No.: H17 (www.tracecoding.com)

Product Certifications, Approvals and Compliances for Hostalen CRP 100 RESIST CR black:

Germany: DIN CERTCO "DINplus" Reg.-No. P1W0095 / Compliance with requirements of PAS 1075 / PAS 1031
Germany: DIBt - Ü - Basell Polyolefine GmbH, Approval No. Z-40.25-461