



## 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
2136160032AA	заглушка электросварная d. 32 SDR11 EF CAP d. 32 SDR11	I21001

### ССЫЛКА НА ЗАКАЗЧИКА / CUSTOMER REFERENCE

### Изделие- СЫРЬЁ / PRODUCT - RAW MATERIALS

A.1]I заглушка электросварная d. 32 SDR11	Партия пост./Supplier Batch Партия/Batch <b>I21001</b>
A.2]I Polyethylene PE100-RC Hostalen CRP100 RESIST CR bI	<b>F22586</b>
A.3]I Polyethylene PE100-RC Hostalen CRP100 RESIST CR bI	<b>BG1545T03 F22582</b>
ДАТА ИЗГОТОВЛЕНИЯ ИЗДЕЛИЯ-ДЕТАЛЕЙ/ PRODUCTION DATE PRODUCT-COMPONENTS:	12/2022 - 12/2022 - 12/2022

### B протокол испытаний / TEST REPORT

Характеристика / Метод испытания Characteristic / Test Method	[ EN ]	(b)	ЕИ M.U.	Требования Requirements	[ 2022 ]	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	32,3 - 32,6		32,4
Овальность / Out-of-roundness	[ EN ISO 3126 ]	(b)	mm	<=0,3		0,2
Электрическое сопротивление / Electrical resistance	[ EN 1555 - EN 12201 ]	(b)	ohm	1,49 - 1,69		1,59366
Прочность на давление / Hydrostatic strength	[ EN ISO 1167 ]	(b)	h	>=165	[ 2022120026 ]	165
Контроль штрих-кода сварки / Fusion system recognition	[ EN 1555 - EN 12201 ]	(b)				ПОЛОЖ
Контроль внешнего вида / Appearance control	[ EN 1555 - EN 12201 ]	(b)				ПОЛОЖ
Контроль маркировки / Marking control	[ EN 1555 - EN 12201 ]	(b)				ПОЛОЖ
Средний наружный диаметр / Mean outside diameter	[ EN ISO 3126 ]	(b)	mm	32 - 32,3		32,25
Овальность / Out-of-roundness	[ EN ISO 3126 ]	(b)	mm	<=0,5		0,2
Толщина стенки / Wall thickness	[ EN ISO 3126 ]	(b)	mm	3 - 3,4		3,3
Длина хвостовика / Tubular length	[ EN ISO 3126 ]	(b)	mm	52 - 54		53
Прочность на давление / Hydrostatic strength	[ EN ISO 1167 ]	(b)	h	>=165	[ 2022110083 ]	165

## с 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 - 0,26	0,206
OIT - время индукции окисления / OIT - Oxidation induction time (T=210°C) [ ISO 11357-6 ]	(b)	min	>=20	61,6
MFR - Индекс текучести / MFR - Declared melt mass-flow rate [ EN ISO 1133 ]	(a)	g/10 min	0,2 - 1,4	0,21
OIT - время индукции окисления (T=210°C) / OIT-Decl. oxidation ind.time (T=210°C) [ ISO 11357-6 ]	(a)	min	>=20	56
Обычная плотность / Conventional density [ ISO 1183 ]	(a)	g/cm3	>=0,93	0,956
Сажевое содержание / Carbon black content [ ISO 6964 ]	(a)	%	2 - 2,5	2,36
MFR - Индекс текучести / MFR - Melt mass-flow rate [ EN ISO 1133 ]	(b)	g/10 min	0,2 - 0,26	0,205
OIT - время индукции окисления / OIT - Oxidation induction time (T=210°C) [ ISO 11357-6 ]	(b)	min	>=20	47,79
MFR - Индекс текучести / MFR - Declared melt mass-flow rate [ EN ISO 1133 ]	(a)	g/10 min	0,2 - 1,4	0,21
OIT - время индукции окисления (T=210°C) / OIT-Decl. oxidation ind.time (T=210°C) [ ISO 11357-6 ]	(a)	min	>=20	62
Обычная плотность / Conventional density [ ISO 1183 ]	(a)	g/cm3	>=0,93	0,956
Сажевое содержание / Carbon black content [ ISO 6964 ]	(a)	%	2 - 2,5	2,32

Результаты во второй колонке таблицы отмеченные (а), 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: 30/01/2023

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Polyethylene PE100-RC Hostalen CRP100 RESIST CR bi

F22582



Basell Sales & Marketing Company BV  
Italian branch  
Via Fontaccio 10  
IT-20121 Milano

Basell Sales & Marketing Company BV Italian branch  
IT-20121 Milano

EUROSTANDARD  
ZONA INDUSTRIALE LAGO  
38038 TESERO  
Italy

**Inspection Certificate 3.1  
according to EN 10204**

Date: 08.11.2022  
Reference no./Date: A23574 / 17.10.2022  
Delivery item/Date: 8106002606 000010 / 11.11.2022  
Order number / Our contact person: 5011652433 000030 / 17.10.2022  
Customer number / Our contact person: I3138 / STEFANO CRISTOFOLETTI

Material: **Our / Your description**  
18957A60 **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 **BG1545703**  
Customer Batch Number

Property	Value	Unit
9PE 190°C/5 ISO 1133-1	0,21	g/10 min
Density ISO 1183 23°C	0,956	g/cm3
Water content ISO15512	0,007	wt %
Carbon Black Content ISO 6964	2,32	wt %
Colour Value (TON) EN 1522	1,5	
Oxygenoleptic prop. NF T54-951	0,5	
GT 210°C ISO 11357-6 / EN 728	62	min
Dispersion note ISO18553	2,8	
Rating of appearance ISO18553	2,3	
FNCT 4MPa 80°C 2 & Ark ISO16770	> 8670	HOURS
FNCT-Certificate-No.	GT-22019710-1	
Date of FNCT-Certificate	22.07.2022	

Corporate Quality Manager: Georgia Zorniga

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  
Traceability Code No.: H17 (www.fraccoding.com)

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

Germany: DIN CERTCO "DINplus" Res.-No. P1HW095 / Compliance with requirements of PAS 1075 / PAS 1031  
Germany: DEB - U - Basell Polyolefine GmbH, Approval No. Z-40.25-461

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Delivery item/Date:  
8106002606 000010/11.11.2022

Austria: ÖVGW-Qualitätsmarke GAS, Reg.-No. G2-964 / Approved according OS-G392-1 as PE100-RC  
Austria: "ONORM-geprüft" by Austrian Standard, Conformity with ONORM EN 1555-1, ONORM EN 12201-1, Reg. No. NZ011147 / N 001111  
Switzerland: SVGW-Zertifikat K195, Certified for water and gas acc. SVGW GW/TPG-TPW 101 (10/04)  
France: AFENOR NF-Mark NF 114 Certificate No. 7304, Conformity with NF EN 1555-1, NF EN 12201-1  
The batch conforms to the certification rules of NF 114. The values comply with the specifications in NF 114 part 2, table 1.  
Spain/Portugal: AENOR Product Certificate No. 091/095137 and 001/095136, 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: PIP-Comformity 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.

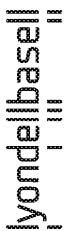
**CONFORME**



Firma digitalmente da Elena  
Zorniga, S. Lucia, CN, ITALY.  
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Data: 2022.11.11 16:43:36 +0100'

Polyethylene PE100-RC Hostalen CRP100 RESIST CR bi

F22586



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IT-20121 Milano

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IT-20121 Milano

EUROSTANDARD  
ZONA INDUSTRIALE LAGO  
38038 TESERO  
Italy

**Inspection Certificate 3.1  
according to EN 10204**

Date: 23.11.2022  
Reference no./Date: A22574 / 17.10.2022  
Delivery item/Date: 8106600449 900001 / 25.11.2022  
Order item/Date: 5011652433 000060 / 17.10.2022  
Customer number / Our contact person: I32138 / STEFANO CRISTOFOLETTI

Material: **Our / Your description**  
18957A60 **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 **BG13457B3**  
Customer Batch Number

Property	Value	Unit
9PE 190°C/5 ISO 1133-1	0,21	g/10 min
Density ISO 1183 23°C	0,956	g/cm3
Water content ISO1512	0,011	wt %
Carbon Black Content ISO 6964	2,36	wt %
Colour Value (TON) EN 1522	1,5	
Oxygenolitic Prop. NF T54-951	0,5	
GT 210°C ISO 11357-6 / EN 728	56	min
Dispersion note ISO18553	2,7	
Rating of appearance ISO18553	2,3	
FNCT 4MPa 80°C 2 & Ark ISO16770	> 8670	HOURS
FNCT-Certificate-No.	GT-22019707-1	
Date of FNCT-Certificate	20.07.2022	

Corporate Quality Manager: Georgia Zorniga

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

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

Germany: DIN CERTCO "DIBplus" Res.-No. P1HW095 / Compliance with requirements of PAS 1075 / PAS 1031  
Germany: DIB - U - Basell Polyolefine GmbH, Approval No. Z-40.25-461

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Delivery item/Date: 8106600449 900001/25.11.2022

Austria: ÖVGW-Qualitätsmarke GAS, Reg.-No. G2-964 / Approved according OS-G392-1 as PE100-RC  
Austria: "ONORM-geprüft" by Austrian Standard, Conformity with ONORM EN 1555-1, ONORM EN 12201-1, Reg. No. NZ011 147 / N 001111  
Switzerland: SVGW-Zertifikat K195, Certified for water and gas acc. SVGW GWTPG-TPW 101 (10/04)  
France: AFENOR NF-Mark NF 114 Certificate No. 7304, Conformity with NF EN 1555-1, NF EN 12201-1  
The batch conforms to the certification rules of NF 114. The values comply with the specifications in NF 114 part 2, table 1.  
Spain/Portugal: AENOR Product Certificate No. 091/095137 and 001/095136, 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: PIP-Comformity 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)

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

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Our Quality Management System is certified.

**CONFORME**

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