

包装规格/Specification

运输容器/Transport Container

1000L IBC 集装箱, 符合 UN 包装要求 UN 31 HA1

灌装口直径 150mm

排液口直径50mm

标记板

钢制框架式托盘



技术数据 (Technical data):

满口容积 (Brimful Capacity)	1060	升 (Litre)
公称容积 (Nominal Capacity)	1000	升 (Litre)
长度 (Length)	1200±10	毫米 (mm)
宽度 (Width)	1000±10	毫米 (mm)
带托盘高度 (Height with pallet)	1150±10	毫米 (mm)
灌装口直径 (Filling opening)	150	毫米 (mm)
放料口直径 (Discharge opening)	50	毫米 (mm)
叉车开口 (Fork opening)	100	毫米 (mm)
标记板 (Label plate)	2	块 (piece)
护角 (Corner Protector)	4	块 (piece)
内容器 (Inner container)	15±1kg	
总重量 (Total)	57±1kg	

技术数据可能被修改, 所有的尺寸均为近似值。 (Technical subjects to change, all dimensions approximately)

结构:

外框架:	圆形钢管连同底部托板和顶部拉杆组成了方形网格箱体，前面安装了带有产品使用说明书的标记板（后面及侧面也可安装标记板）	
托盘:	钢制框架式托盘（1200×1000×90mm）:	4 向进叉
Pallet:	Steel-Framepallet（1200×1000×90mm）:	4-way entry
材质:	网格 / 托盘:	钢质，镀锌
Material:	Grid/Pallet:	Steel,Galvanized
	护角:	4 块，高密度聚乙烯
	Corner Protector:	4 piece,HDPE
内容器:	由高密度聚乙烯制成的方形吹塑容器，抗静电材料为禾大化学品（上海）有限公司生产供应的含有永久抗静电剂，规格型号为 Ionphase rSTAT2-PL-(FI)。	
材质:	高密度聚乙烯	
Material:	HDPE	
灌装口:	直径 150mm 带有排气装置的 2 英寸内盖。	
Filling opening:	DN150 2 inch cover with exhaust device.	
材质:	螺纹盖:	高密度聚乙烯
Material:	screw cap:	HDPE
	0 形密封圈:	EPDM
	O-ring gasket:	EPDM
	2 英寸密封外盖:	聚丙烯
	2 inch gasket:	PP
	2 英寸内盖 0 形密封圈:	乙烯共聚物 (EBA)
	O-ring of 2 inch gasket:	EBA
	排气装置:	硅橡胶
	Exhaust:	Silastic
排液阀:	直径 50 mm 抗静电蝶阀，焊接式，配有排液接管。	
Discharge opening:	Butterfly valve DN50 and equipped with Outer nozzle.	
材质:	阀体:	高密度聚乙烯
Material:	Valve:	HDPE
	排液接管:	高密度聚乙烯
	Outer nozzle:	HDPE
重金属:	包装中的重金属（铅、镉、六价铬和汞）含量不超过 100ppm.	
Heavy Metal:	The content of heavy metals (lead, cadmium, hexavalent chromium, and mercury) in the packaging does not exceed 100 ppm.	
包装类别选择:	危险品	
Packing category selection:	Dangerous goods	
	工业品	
	Industrial products	
	食品	
	Food	
附件:	附件 1	禾大抗静电材料规格书
	附件 2	禾大抗静电材料质检单
	附件 3	SGS 抗静电检测报告

lonphase™ anti-static

lonphase™ rSTAT2

General

Chemical description	Proprietary
Physical form	Pellets
Origin	Synthetic
REACH status	Compliant

Applications

lonphase rSTAT2 is designed to be used with polyethylene in extrusion blow molding applications. lonphase rSTAT2 is stabilised against weathering. Examples of end applications include rigid intermediate bulk containers, drums and canisters.

Mode of action

lonphase rSTAT2 is a static dissipative, polymeric polymer additive commonly known as a permanent anti-static additive. These additives are used to control static electricity in plastics. This works by forming an interpenetrated network within the host polymer reducing the resistivity of the blend.

Features and benefits

- Permanent non-migrating anti-stat
- Not humidity dependant
- Static dissipative
 - Gives control and safety for static electricity caused issues
 - Lowers the surface resistivity
 - Improves the non-charging properties
 - Reduces charge decay time
- No halogens, RoHS approved
- Recyclable
- Ready to use and compatible with host polymer

Recommended polymers

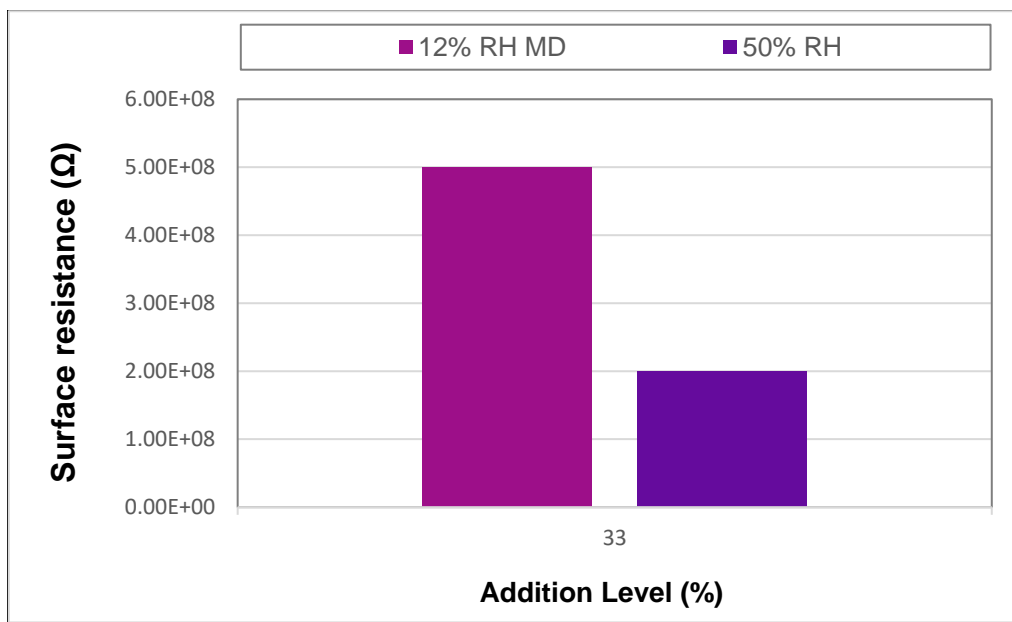
- HDPE

CRODA
Polymer Additives

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Performance Data

Surface resistance in HDPE (according to IEC61340-2-3)



N.B. Surface resistivity values are dependent on host polymer, processing conditions and layer thickness.

Guidelines for use

Ionphase rSTAT2 is normally processed at 180 – 250 °C. Actual processing temperatures will usually be determined by specific equipment or host polymer. We suggest adding the material as an additive during the extrusion process. Compounding into the host polymer is highly recommended before injection molding. Use of a barrier type screw with good mixing properties is recommended for good homogeneity of the polymer blend. Stainless steel with nitration, duplex chrome or nickel plating is recommended for screws, barrels, dies and adapters. Low MFI polyethylene is recommended for purging after using Ionphase rSTAT2. The required loading of Ionphase rSTAT2 will depend on the host polymer, processing method and the targeted level of static dissipation.

Typical product characteristics

	Value	Units	Standard
Melting Point	75 – 163	°C	ISO 11357
Density	1.01		ISO 1183
MFI (190 °C / 2.16 kg)	6	g/10 min	ISO 1133
Volume resistivity	7 x 10 ⁵	Ωm	Internal method

Selling specification available upon request

Ionphase™ anti-static

Physical form, packaging and storage

Ionphase rSTAT2 is delivered pre-dried in Al moisture barrier bags. Due to the hydrophilic nature of the material, do not expose the dried material to high humidity conditions in open containers or bags. If the material is exposed to moist air, it should be dried before use. Our recommendation is to use desiccant dryer (dew point < -40 °C) for 3 hours at 70 °C before processing. Moisture level should be below 0.06% after drying. If the materials are not dried, surface defects and process related problems may occur in processing. We suggest feeding the material directly from drier to the hopper for best results.

Croda recommends storing Ionphase rSTAT2 in a dry, well-ventilated place at 20 – 25 °C (68 – 77 °F). Ionphase rSTAT2 has a maximum shelf life of 730 days when stored accordingly.

Health and safety data

This product is not considered a hazardous material. As with any hot material, care should be taken to protect the hands and other exposed parts of the body when handling molten polymer. At the recommended processing temperature, small amounts of fumes may evolve. If additives are overheated, more extensive decomposition may occur. Adequate ventilation should be provided to remove the fumes from the work area. Scrap can be disposed of as energy waste. Disposal should comply with local, state and federal regulations. Resin pellets can be a slipping hazard. Loose pellets should be swept up promptly to prevent falls.

Safety data sheets (SDS) are available upon request.

Non-warranty: The information in this publication is believed to be accurate and is given in good faith, but no representation or warranty as to its completeness or accuracy is made. Suggestions for uses or applications are only opinions. Users are responsible for determining the suitability of these products for their own particular purpose. No representation or warranty, expressed or implied, is made with respect to information or products including, without limitation, warranties of merchantability, fitness for a particular purpose, non-infringement of any third party patent or other intellectual property rights including, without limit, copyright, trademark and designs.

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01/18PADS188/01 08/2018

Certificate of Analysis

A quality management system registered to the international standard ISO 9001 was used to manufacture and test this material.

Certificate prepared at

IonPhasE Oy
 Hepolamminkatu 29
 FI-33720 Tampere
 Finland

Customer details

Customer Ref.
Inspection Lot 040001118126
C of A Printed. 21.04.2021
Croda Order No.
Croda Del. No.
Quantity. 0,000

Batch Details

Product Name:	IONPHASE RSTAT2-PL-(FI)	Date of test:	22.03.2021
Product Code:	IEV2948/0025/VB24	Date of manufacture:	15.03.2021
Batch No:	0001784059	Retest date:	15.03.2023

Quality Control Results

Analytical Test Method No.	Characteristic	Specification Limit		Value	Unit	Status
		Lower	Upper			
	Addendum 00	PASS OR FAIL		Pass	-	P
	REVISION NUMBER	0.0		Pass	-	P
TP000100	MOISTURE	0.06% MAX		Pass	-	P
TP000400	MFI(190°C, 2.16KG)^	4,00	7,50	6,00	g/10min	P
TP000300	VOLUME RESISTIVITY^	100000	1000000	1000000	ohm metre	P

^ measured in granulate moisture content $\leq 0.06\%$
 Environment:12% RH +/-5%, 23 degC

Batch Status: Pass

The quality tests on this batch are reported above. The tests carried out are those necessary to demonstrate compliance with our product specification and are not intended to guarantee the product as suitable for any application beyond those contained in the specification. We recommend you perform your own quality and or identification checks on receipt

The name printed at the end of this document is an electronic signature.

A quality management system registered to the international standard ISO 9001 was used to manufacture and test this material.

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FI-33720 Tampere
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Confirmed by

Eija Siren QA and Control Analyst