

Y200 BEADS

Technical Data Sheet TDS R226-GL

GENERAL DESCRIPTION

Acetylene carbon black, produced by the thermal exothermic decomposition of acetylene gas leading to pure grades with morphologies exhibiting high conductivity

PHYSICO-CHEMICAL PROPERTIES

PARAMETER	METHOD	UNIT	VALUE
N ₂ Surface Area (B.E.T.)	IAQ 98008 LAB	m ² /g	61
OAN	IAQ 09012 LAB	ml/100 g	265
Sieve residue 45 µm	IAQ 91002 LAB	ppm	< 25
Moisture	IAQ 91003 LAB	%	< 0.5
Fines	IAQ 91003 LAB	%	< 10

CHEMICAL DESCRIPTION

Industrially produced carbon black

APPLICATION

Y200 BEADS is a pelletized acetylene black which is characterized by a specific surface area in the range of an N300-series carbon black, a particularly high structure (OAN) and a special morphology. These characteristics make Y200 BEADS the best choice to achieve high electrical conductivity and unrivalled thermal conductivity in rubber products. Since thermal conductivity is a key requirement for curing bladders, this is a typical application for Y200 BEADS.

Compared to the previous powder version Y200, the beaded product allows easier handling, a more economical transport and it creates less dust during processing. Extremely high purity and low moisture content are other typical properties of this special carbon blacks.

FORMS OF SUPPLY

FIBC - Flexible Intermediate Bulk Container (Big Bag), PE bags

STORAGE CONDITIONS

Carbon black should be stored under cool and dry conditions. Please refer to our product safety data sheet.

PRODUCT SAFETY

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating.

We recommend that information concerning the product safety of our carbon blacks be obtained and carefully read prior to their use.

REGISTRATION STATUS

REGISTRATION NUMBER CAS No 1333-86-4

Australia	AICS	registered
Canada	DSL	registered
China	IECS	registered
Europe	EINECS REACH	215-609-9 registered
Japan	ENCS	5-3328
Korea	KECI	KE04682
New Zealand	NZIoC	HSNO approved
Philippines	PICCS	registered
USA	TSCA	registered

THE AMERICAS

Orion Engineered Carbons LLC
1700 City Plaza Drive, Suite 300
Spring, TX 77389
USA
Phone +1 832 445 3300
AMERICAS@orioncarbons.com

EUROPE/ MIDDLE EAST/ AFRICA

Orion Engineered Carbons GmbH
Frankfurter Straße 60 - 68
65760 Eschborn
Germany
Phone +49 6196 771 929 100
EMEA@orioncarbons.com

ASIA PACIFIC

Orion Engineered Carbons (China) Investment Co., Ltd.
Room 2301, 2302, 2307, BM InterContinental Business Center
100 Yutong Road, Jing'an District, Shanghai 20007
P. R. China
Phone +86 21 6107 0966
APAC@orioncarbons.com

INCORPORATED IN LUXEMBURG

Orion S.A., 6, Route de Trèves, 2633 Senningerberg, Luxembourg, Phone +352 270 48 06 0

All statements and information given herein by Orion Engineered Carbons GmbH as well as its affiliates, including for example **Orion S.A. ("Orion")**, are provided for information purposes only and are provided as of the date of this document. They are based on the knowledge of Orion on the date of the document. ORION DOES NOT GIVE ANY REPRESENTATION OR WARRANTY THAT THE CONTENTS OF THE GIVEN STATEMENTS AND INFORMATION ARE CORRECT OR ACCURATE. ANY LIABILITY OF ORION WITH REGARD TO THE CONTENTS PROVIDED ARE HEREBY EXPRESSLY EXCLUDED. Orion does not give a warranty or makes any representation with respect to any results to be obtained from such statements or information, any uses of such information or with regard to the non-infringement of any proprietary right. Nothing stated herein shall be construed as a license of or recommendation for use, especially with concern to the potential infringement of any proprietary right. Use or application of such information or statements or the material or systems described herein are at user's sole discretion and risk. The user acknowledges that Orion shall bear no responsibility or liability for any use or application of such information or statements or the material or systems described herein. All sales are subject to the respective standard terms and conditions of sale and delivery issued by Orion including but not limited to the limitation of liability contained therein. The Orion standard terms and conditions of sale and delivery (English) can be reviewed, downloaded and printed under https://orioncarbons.com/legal/compliance-guidelines/#terms_conditions.

Orion reserves the right to modify this document and the respective standard terms and conditions of sale and delivery at any time without prior notice. **Any and all information disclosed by Orion herein shall remain the property of Orion and is protected by copyright and other relevant laws.** All marks (protected indications such as logos and trademarks) contained herein are owned by Orion or third parties associated with Orion and are protected by the relevant trade mark laws; such marks may not be used, reproduced or transmitted for commercial purposes without prior consent by Orion.

© 2024 Orion Engineered Carbons GmbH



www.orionsa.com