

New standards of light diffusion for Polycarbonates

Resistant, even at high temperatures

Sukano's newly-developed light diffuser material combines the optical performance of polymethylmethacrylate (PMMA) with the technical advantages of polycarbonate (PC).

Unlike PMMA, which has only limited applications in lamp covers due

chemical resistance as well as better impact strength than PMMA. Depending on the type of PC used, this option can also be a lot more economical. With a masterbatch dosage of 7.5 %, PC has similar light transmission, haze and transparency as a corresponding



to its inadequate flame retardant properties, PC passes the glow wire test. Thanks to a new type of masterbatch from Sukano, PC can now be used for such applications. Marketed as SUKANO® TA16-08 MB07, this light diffusion material for PC, at a comparable optical performance, has better temperature, flame and

SUKANO® TA16-08 MB07	
Light transmission	88 %
Haze	87 %
Clarity	12 %
Color value (CIELab)	89.0/0.1/4.8

Optical values @ 7.5 % dosage and 2 mm thickness.

SUKANO® TA16-08 MB07

- Light diffusion for Polycarbonate (PC)
- New optical performance for PC
- Dosage 5 - 7 %
- PC passes the glow wire test


Sukano - the company

"Sukano Creative Solutions" means value-added applications, characterised by innovative research and development, individuality and versatility.

Sukano is a company with its origins firmly rooted in the development of functional masterbatches, so that today the Sukano team has built up a high level of technical expertise, still focused in particular on functional and optical enhancing products, complemented by a wide range of colors.

PMMA. Color values differ only very slightly from PMMA. In fact, Sukano has succeeded in giving PC the same properties for light diffusers as the widely used PMMA and, thanks to its high flame resistance, has opened up a wider range of applications.

In addition the Sukano masterbatch offers the converter greater flexibility with regard to dosage levels, color, ease of extrusion and allows combination with other SUKANO® Masterbatches in a single product.

 Marc Schmid
Product Segment Leader

YOUR CONTACT - SUKANO BUSINESS PARTNERS

EUROPE, MIDDLE EAST, AFRICA

Austria/Bavaria

ATI Industriegütervertretung
Mr. Axel Träxler, Salzburg
phone +43 6229 28 46
ati.axel.traexler@sbg.at

Benelux

Peter Holland B.V.
Mr. Ruud Rouleaux, Zwijndrecht
phone +31 78 610 21 00
rrouleaux@peterholland.nl

France

BAGREAL S.A.
Mr. Marcello Mutti, Paris
phone +33 172 71 25 95
marcello.mutti@bagreal.com

Greece

Abbatis-Liokis S.A.
Mr. Andreas Abbatis, Athens
phone +30 210 51 35 112
abbatis@abbatis.gr

Israel

Sorpol Ltd.
Mr. Tuvi Soreq, Ashdod
phone + 972 8 853 00 20
tsoreq@sorpol.com

Middle East

MARJI TECHNOLOGY CORP
Mr. Samir Marji, New Zarka
phone +962 79 553 81 94
wipak@marji.com.jo

Poland

Steslowicz
Mr. Wieslaw Steslowicz, Basel
phone +41 61 382 80 86
stes@gmx.ch

Portugal

IMCD Portugal Produtos Quimicos, Lda
Mr. Francisco Alves, Lisboa Codex
phone + 351 21 861 30 00
francisco.alves@imcd.pt

Spain

IMCD España Especialidades Quimicas, S.A.
Mr. Rosendo Pico Torres, Barcelona
phone + 34 93 241 38 60
rosendo.pico@imcd.es

Turkey

Ultra Plastik Boya ve Kimya San.
Mr. Erkan Dogan, Istanbul
phone +90 212 605 11 10
edogan@ultrapolymers.com.tr

ASIA PACIFIC

Australia

Multichem PTY Ltd.
Mr. Ian Clark, Rosebery
phone +61 2 8345 7900
iclark@multichem.com.au

Central China

Shanghai Yufang Trading Co., Ltd.
China Mr. Anthony Hung, Shanghai
phone +86 21 510 99 799
anthonyj@sh163.net

South China

Jin Da Trading Co., Ltd.
Mr. Calvin Tsung, Guangzhou
phone + 86 20 223 82 120
jimshin@ms17.hinet.net

Japan

Kanematsu KGK Corp.
Mr. Akira Shimizu, Tokyo
phone +81 3 3557 2576
a-shimizu@kgkj.co.jp

New Zealand

Polychem Marketing Ltd.
Mr. Dominic Happe, Auckland
phone +64 9 573 37 00
dhappe@polychem.co.nz

South Korea

WOORIN Inter-Corp CO., Ltd.
Mr. Joung-Woo Kim, Seoul
phone + 82 2 2202 6611 3
jwkim@woorin.com

Taiwan

Jim Shin Trading Co., Ltd.
Mr. Calvin Tsung, Taipei
phone + 88 622 298 01 32
jimshin@ms17.hinet.net

AMERICAS

Mexico

Mr. Germán Priego-Montfort, Mexico
phone +52 55 15 20 05 40
germanpriegom@prodigy.net.mx

North America

The High Performance Materials Company
Mr. L. Lawrence Chapoy, Barrington
phone +1 847 913 3821
hpmcompan@aol.com

South America

ECEX Negocios Internacionales
Mr. Eduardo Cesarone, Buenos Aires
phone +54 11 4573 0988
ecex@interar.com.ar

EVENTS

Biopolymers in Film Applications

Sukano Presentation
March 5 - 6, 2008
Würzburg, Germany

2nd Bioplastic Markets

Sukano Presentation
April 16 - 17, 2008
Shanghai, China

Chinaplas 2008

Sukano Booth
April 17 - 20, 2008
Shanghai, China

EcolnnovAsia 2008

Sukano Presentation
October 2 - 5, 2008
Bangkok, Thailand

Innovation Takes Root 2008

Sukano Presentation
November 16 - 18, 2008
Las Vegas, USA

Sukano Bhd. Malaysia

Start-up manufacturing for Asia Pacific
November 2008
Johor Bahru, Malaysia

Ausplas, Melbourne

Sukano at booth of Multichem
October 7 - 10, 2008
Melbourne, Australia