



Our Global Network



Global Locations

JAPAN



Tokyo Head Office

Shiodome Sumitomo Building 22F
1-9-2, Higashi-Shimbashi, Minato-ku, Tokyo
JAPAN 105-0021
TEL: +81-3-6218-3880
FAX: +81-3-6218-3876

Nagoya Office

Sakuradori Toyota Building 5F
4-5-28, Meieki, Nakamura-ku, Nagoya City, Aichi
JAPAN 450-0002
TEL: +81-52-571-3711
FAX: +81-52-571-3911

Osaka Office

Meijiyasudaseimei Higobashi Building 7F
1-12-8, Edobori, Nishi-ku, Osaka City, Osaka
JAPAN 550-0002
TEL: +81-6-6449-6681
FAX: +81-6-6449-6689

Ube Plant/R&D Center

525-14, Okiube, Ube City, Yamaguchi
JAPAN 755-8580
TEL: +81-836-31-1361
FAX: +81-836-22-4544

Otake Plant

20-1, Miyuki-cho, Otake City, Hiroshima
JAPAN 739-0693
TEL: +81-827-52-1021
FAX: +81-827-52-1031

Yokkaichi Plant/R&D Center

100, Kawajiri-cho, Yokkaichi City, Mie
JAPAN 510-0871
TEL: +81-59-348-3111
FAX: +81-59-348-3127

USA



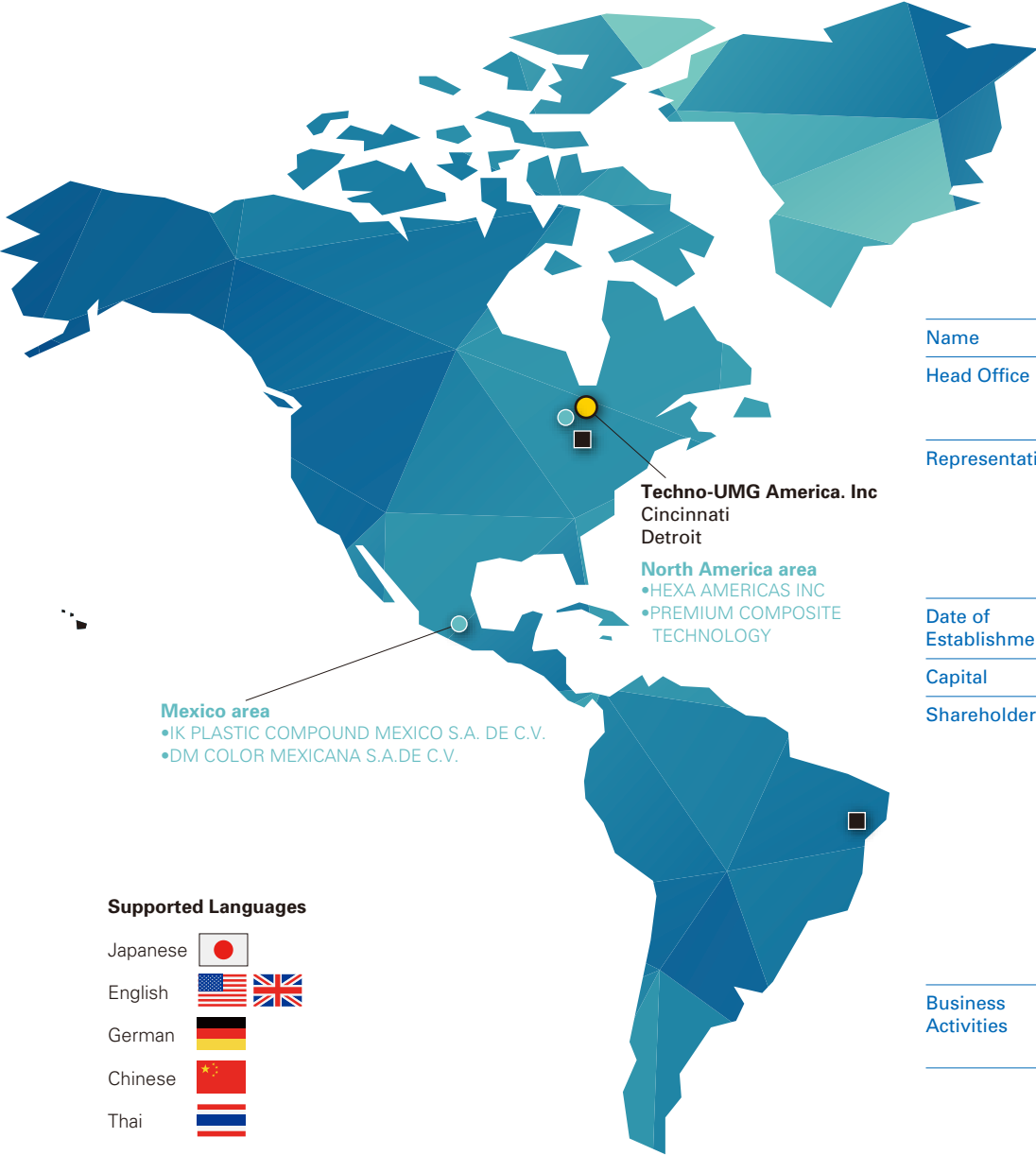
Techno-UMG America, Inc.

5405 Dupont Circle, Suite E, Milford OH
45150 U.S.A.
TEL: +1-513-248-2033
FAX: +1-513-248-2133

Techno-UMG America, Inc.

Detroit Office

AmeriCenter of Livonia, 39111 Six Mile Road,
Livonia, MI 48152 U.S.A.
TEL: +1-734-788-2394



At Techno-UMG we want our customers to trust us. For this very reason we strive to deliver the best solutions. As one of Japan’s leading manufacturers, we boast a second-to-none extensive lineup of products owing to our high-quality materials and cutting-edge technology—and our products are available worldwide through our global subsidiary network. We have a supply-chain management system in place at our three domestic production plants and overseas compounding factories to ensure locally manufactured products are delivered with the same quality assurance and in a timely fashion to satisfy the needs of our customers.

Mexico area
•IK PLASTIC COMPOUND MEXICO S.A. DE C.V.
•DM COLOR MEXICANA S.A.DE C.V.

Techno-UMG America, Inc
Cincinnati
Detroit

North America area
•HEXA AMERICAS INC
•PREMIUM COMPOSITE TECHNOLOGY

Supported Languages

- Japanese
- English
- German
- Chinese
- Thai

Corporate Overview

| | |
|-----------------------|---|
| Name | Techno-UMG Co., Ltd. |
| Head Office | Shiodome Sumitomo Building 22F 1-9-2, Higashi-Shimbashi, Minato-ku, Tokyo JAPAN |
| Representative | Representative Director, President & CEO Hayato Hirano Representative Director, Executive Vice President Etsuo Matsunaga |
| Date of Establishment | 1st April, 2018 |
| Capital | 3 Billion yen |
| Shareholders | JSR Corporation (51%) UMG ABS, LTD.* (49%) <small>* Ube Industries, Ltd. (50%) Mitsubishi Chemical Corporation (50%)</small> |
| Business Activities | Manufacturing, processing, sales, and R&D for styrene resins (ABS, AS, AES, ASA, and other polymer alloys) |

JSR Corporation

UBE INDUSTRIES, LTD.

MITSUBISHI CHEMICAL CORPORATION

EUROPE

Techno-UMG Europe GmbH
Berliner Allee 29, 40212
Düsseldorf GERMANY
TEL: +49-211-54235720

CHINA

Techno-UMG Hong Kong Co., Ltd.
Room 1406-07, 14/F, Tower2
Admiralty Centre, 18 Harcourt
Road, HONG KONG
TEL: +852-2521-7622
FAX: +852-2525-6915

Techno-UMG Shanghai Co., Ltd.
Rm 2507-08, The Place, Tower A,
100 Zunyi Road, Shanghai
200051, CHINA
TEL: +86-21-6295-3327
FAX: +86-21-6295-3722

Techno-UMG Shanghai Technical Center Co., Ltd.
207 Zhongqing Road, Maqiao
Minhang, Shanghai, CHINA
201111
TEL: +86-21-5457-3262
TEL: +86-21-6409-5590

Techno-UMG Guangzhou Co., Ltd.
Room 4104, China Shine Plaza,
3-15 Linhe Xi Road, Guangzhou,
CHINA 510075
TEL: +86-20-3810-3655
FAX: +86-20-3810-3657

THAILAND

Techno-UMG Asia Co., Ltd.
968, 28th Floor, U-Chuliang
Foundation Building Rama
4 Road, Silom, Bangrak,
Bangkok 10500, THAILAND
TEL: +66-2-636-7569
FAX: +66-2-636-7576

Our Product Development Concept:

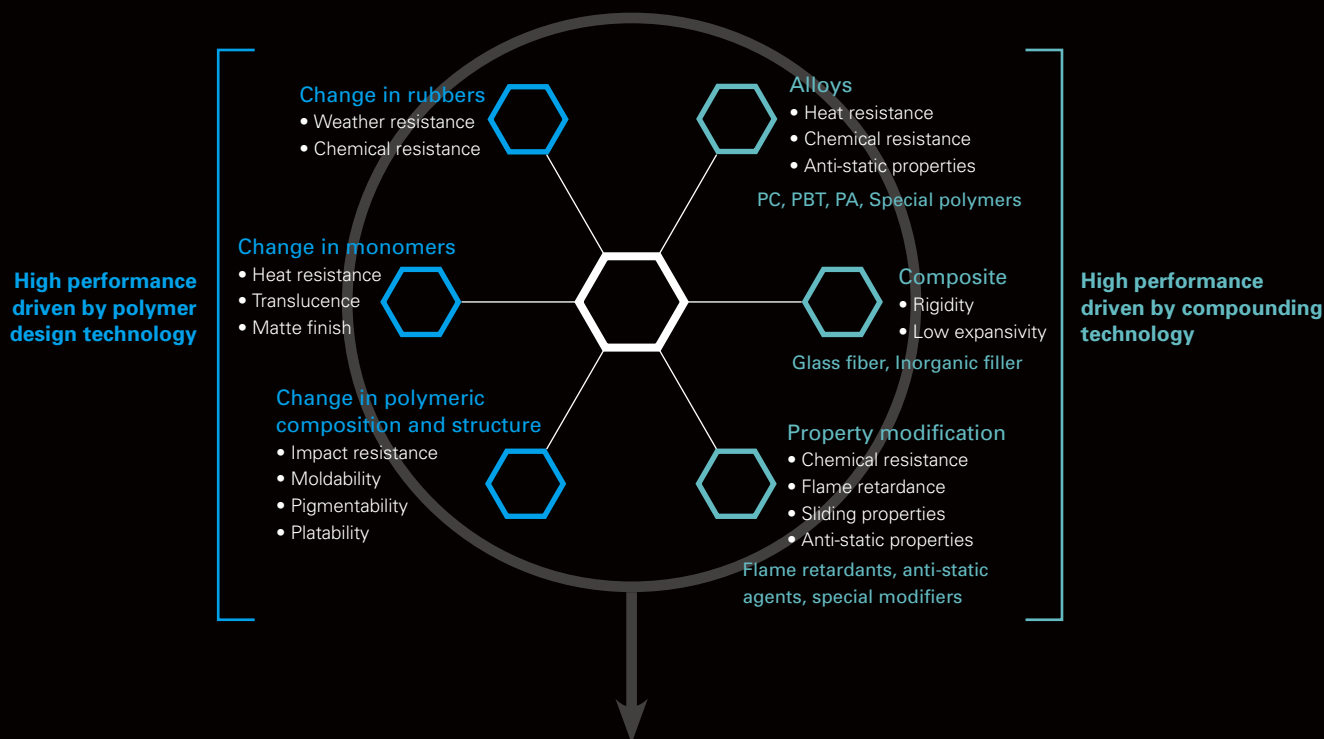
Creating added value with our polymer design and compounding technology

We are a global company that manufactures and sells ABS and ABS alloy resins.

ABS resins are made of three polymers—acrylonitrile (A), butadiene (B), and styrene (S). ABS is a highly versatile material and changing the proportions of its compounds gives it different properties.

At Techno-UMG we draw upon our superior polymer design and compounding technology to create the added value lacking in existing ABS resins.

Leveraging the synthetic rubber and modifier technologies of our parent company, as well as their stable supply capabilities, we provide special grade, high-performance grade, and high-added-value grade products. Our products have been rated favorably by our customers the world over.



Creating products based on the concepts of “environment” and “comfort” to meet diverse customer needs

Based on the key concepts of “environment” and “comfort,” we are attentive to market trends and customer needs and strive to create unique, distinguished, and value-added ABS products for the global marketplace.

One such product is our widely acclaimed **HUSHLLOY®** series, which greatly reduces plastic squeaking or creaking noises.

*Owing to the growing popularity of quiet hybrid and electric vehicles, the elimination of annoying squeaking sounds in car interiors is becoming increasingly important. HUSHLLOY® dramatically reduces the squeaks and creaks of plastic to create a more pleasant driving experience.

Anti-Squeak

We developed this material with the aim of reducing the squeaking noises emitted by inter-fitting plastic components. The use of **HUSHLLOY®** eliminates the need for grease or felt, thereby lowering manufacturing costs and mitigating the risk of mistakes that can occur during assembly. The effectiveness of **HUSHLLOY®** is long lasting because squeaking noises are reduced thanks to a combination of special polymers, not additives.

Low Rattle

In addition to eliminating squeaking noises, we also developed **HUSHLLOY®** to prevent rattling sounds. **HUSHLLOY®** is designed to not only change the tone of rattling sounds by reducing acoustic pressure and creating a lower frequency, it also more quickly attenuates those noises. We are continually expanding our lineup of **HUSHLLOY®** products in an effort to deliver solutions that meet the diverse needs of our customers.



Door Trim



Inner Door Handles



Drive Handle



Cup Holder

HUSHLLOY®

DIALAC®

PLATZON

Console



1 Various Switches



2 Console



3 Cup Holder



4 Radiator Grill



5 Drive Handle

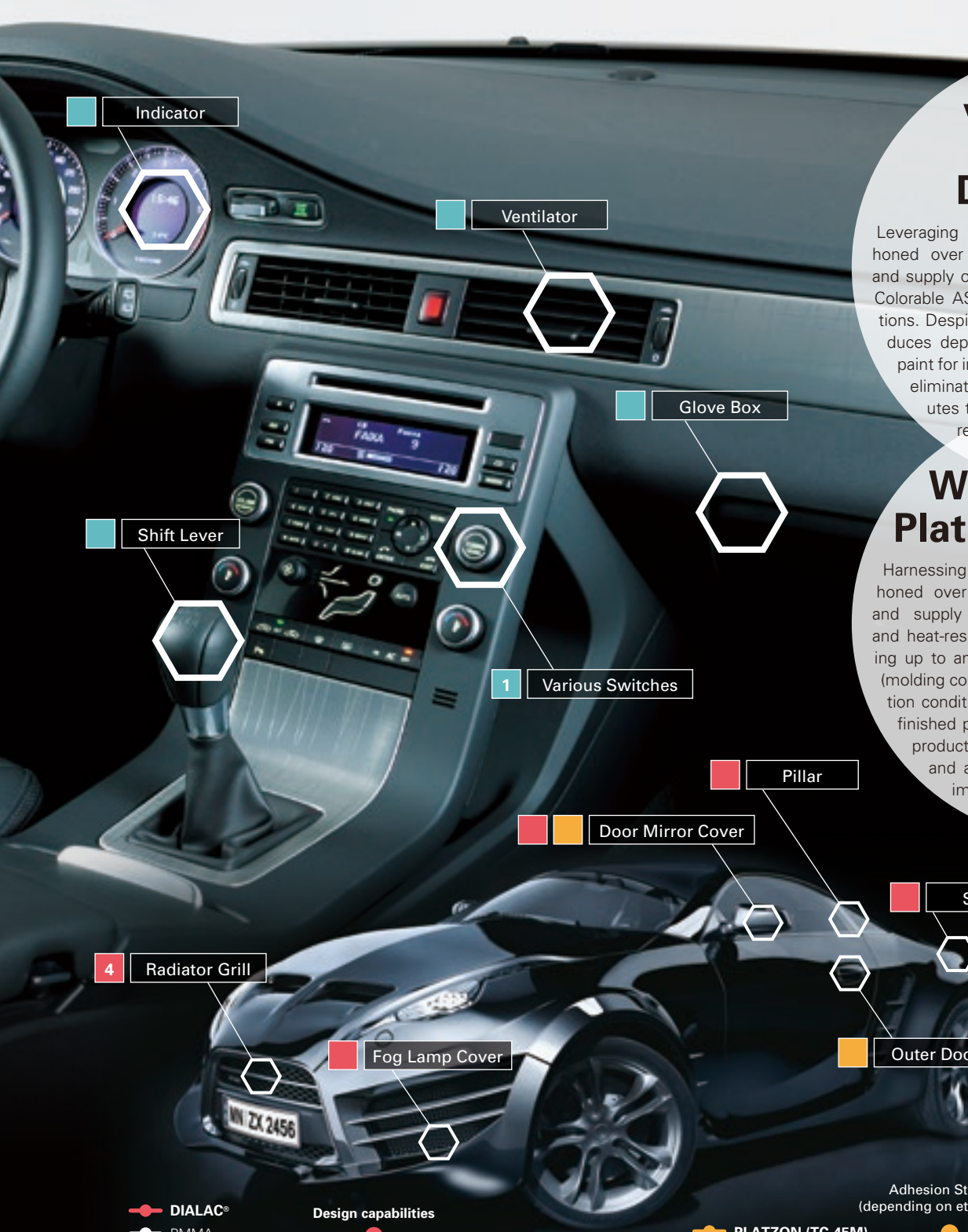
HUSHLLOY®: Anti-Squeak Material

The interlocking components of plastic parts often rub against each other to create an annoying squeaking sound. Usually steps are taken to prevent these noises by applying grease or nonwoven fabric such as felt to the suspect areas, but this requires manpower and money and also carries the risk of mistakes during the assembly process. The use of **HUSHLLOY®** eliminates these steps, reduces the cost of using grease or nonwoven fabric, and lowers processing costs associated with their application and testing. Unlike grease or felt, the effectiveness of which deteriorates over time, **HUSHLLOY®** will remain effective for a very long time.

HUSHLLOY® Design Concept

Squeaking sounds are mainly caused by the frictional vibration of two materials rubbing together. **HUSHLLOY®** prevents the stick-slip phenomenon that can occur between two materials and reduces frictional vibration thanks to a special styrene polymer contained in the ABS resin. Unlike other additive-type materials, its effectiveness is long lasting.



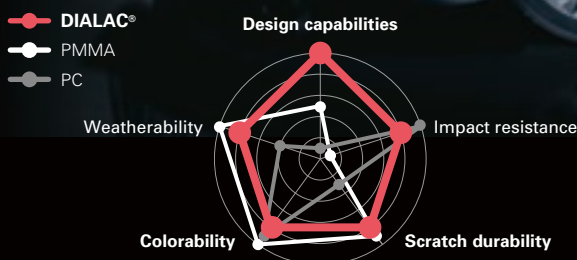


Vivid Color × Design Free

Leveraging our proprietary polymer technology honed over many years of global development and supply of ASA (S210B), we developed a highly Colorable ASA alloy material for paintless applications. Despite having no paint, this product reproduces depth and vividness closely resembling paint for intricate applications and shapes. The elimination of the painting process contributes to lower costs overall and helps reduce environmental impact.

Wide Range of Plating Conditions

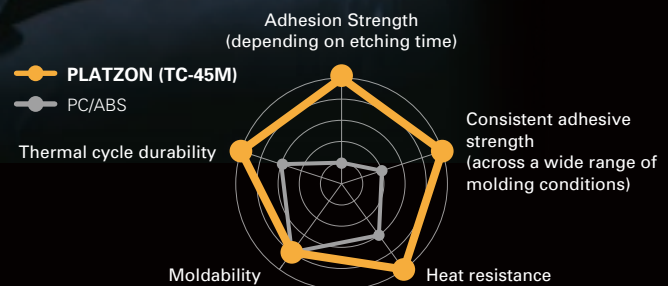
Harnessing our proprietary polymer technology honed over many years of global development and supply of plated ABS, we developed PC/ABS and heat-resistant ABS materials capable of standing up to an wide range of production conditions (molding conditions and etching temperature/duration conditions) for an extremely wide range of finished products. These materials maximize productivity during the production process and also help reduce environmental impacts because of improved plating yields.



Vibrant colors and versatile design capabilities

“DIALAC®” (ASA/PMMA, ASA)

- Vivid colorability thanks to unique polymerization.
- Great mar resistance via PMMA alloy.
- Easy moldability provides higher design flexibility than competitive materials (PMMA, PC/ASA).



Consistent platability under various production conditions

“PLATZON” (PC/ABS, ABS)

- Super High thermal cycle durability. (90~110°C)
- Reduces processing costs—platable under various etching conditions.
 - ▶ Increases production rates via plating process flexibility.
- The only PC/ABS product on the market, specifically developed for exceptional plating adhesion and processing flexibility.

