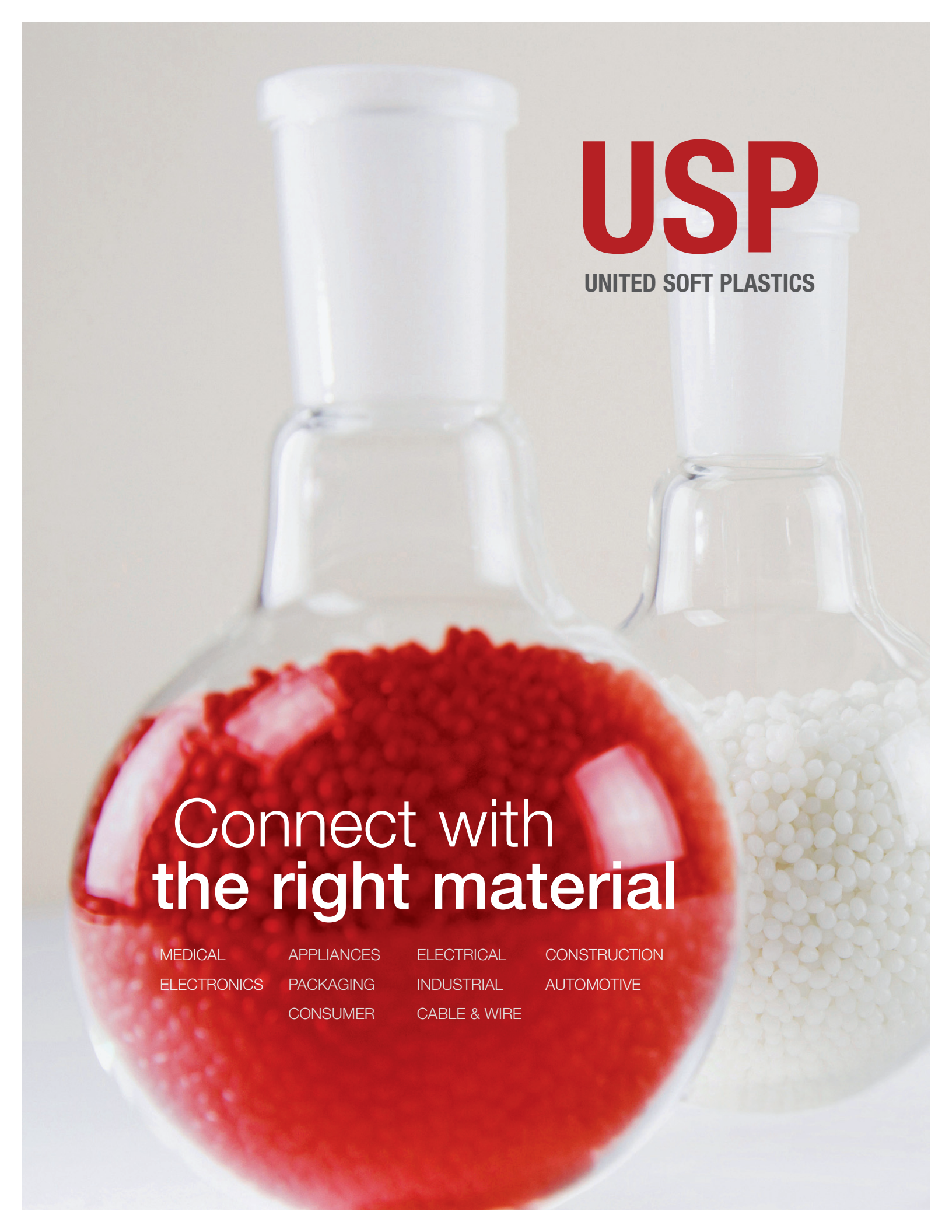


The background of the advertisement features two Erlenmeyer flasks. The flask in the foreground is filled with bright red plastic granules, while the one behind it is filled with white granules. Both flasks have white stoppers. The lighting is soft, highlighting the texture of the granules and the clarity of the glass.

USP

UNITED SOFT PLASTICS

Connect with
the right material

MEDICAL

APPLIANCES

ELECTRICAL

CONSTRUCTION

ELECTRONICS

PACKAGING

INDUSTRIAL

AUTOMOTIVE

CONSUMER

CABLE & WIRE

HISTORY

2005

United Soft Plastic Inc. is founded; it's headquarters is centrally located in the Raco Industrial Park in Lawrenceville, GA. The company is operating in a modern single facility and includes the latest building, equipment and safety standards.

2006

Start of production with state-of-the-art equipment. Annual capacity is around 3,000 m/tons (6.5 Million lbs).

2009

USP shareholders complete acquisition of land and building for the company

2010

USPM de Mexico S.A. de C.V. established in Santa Fe, Mexico City, Mexico

2011

USP Plastic Enterprise Sdn Bhd established in Kuala Lumpur, Malaysia

2012

USP Deutschland GmbH established in Germany, Europe

2013

Expansion of production to a new capacity of 6,000 - 7,000 metric tons / year

2015

ISO 9001:2008 certified as of July 2015

2016

First attendance of international plastic shows; Plast Imagen in Mexico City, Mexico and K-Show in Duesseldorf, Germany. Preparation of future expansion and further certifications

2018

ISO 9001:2015 certified as of July 2018;
USP Shanghai established in Shanghai, P.R.C.;
USP-PRC established in Dongguan, P.R.C.

2019

New Production plant in Houston, TX, total capacity is now 12,000 m/tons or 25 Million lbs;
USP-HKG established in Hong Kong, China



FACTS ABOUT TPE

- Replacement of EPDM - or NBR-Rubber with TPE
- Possible replacement of most TPE-V compounds with TPE-S
- Creating new possibilities in function and design with TPE materials compared to rubber
- Target use of halogen free materials, helps TPE replace PVC for interior applications
- Special flow properties and possibilities for Hard/Soft combinations (with ABS, PC, PMMA, PA etc.) have brought advantages for TPE-S against TPV's in the Automotive and Industrial industry

“UNITED SOFT PLASTICS IS AN INNOVATIVE MANUFACTURING COMPANY DEDICATED TO THE DEVELOPMENT OF **BETTER TPE COMPOUND SOLUTIONS FOR OUR CUSTOMERS.**”



Connect with **the right material**

It is the quality policy of United Soft Plastics to design, fabricate, market, distribute and service products that are in total compliance to requirements and with consistently high quality such that they will reliably perform their intended function and meet all customer expectations. All of our products will be consistent with the public good, meet all applicable laws and regulations, and will demonstrate to every potential customer that UNITED SOFT PLASTICS is indeed...

“WHERE QUALITY IS THE PRODUCT”



Where **quality** is the product



United Soft Plastics, Inc. headquarters is centrally located in the Raco Industrial Park in Lawrenceville, GA. It consists of a single facility built in 2002 and includes the latest building and safety standards. To assure the highest quality for our entire product portfolio, United Soft Plastics is utilizing state-of-the-art production equipment.

Equipped with high speed ZSK/COPERION and KRAUSS MAFFEI twin screw extruders, BRABENDER gravimetric weight dosing systems, KREYENBORG melt pumps & screen changers, and BKG and GALA underwater pelletizing systems, the compounding equipment utilized by USP, complies with all requirements to produce the highest standard of quality TPE compounds.

Production CAPACITY
~ 11 - 12'000 metric tons or 25 mil-lbs

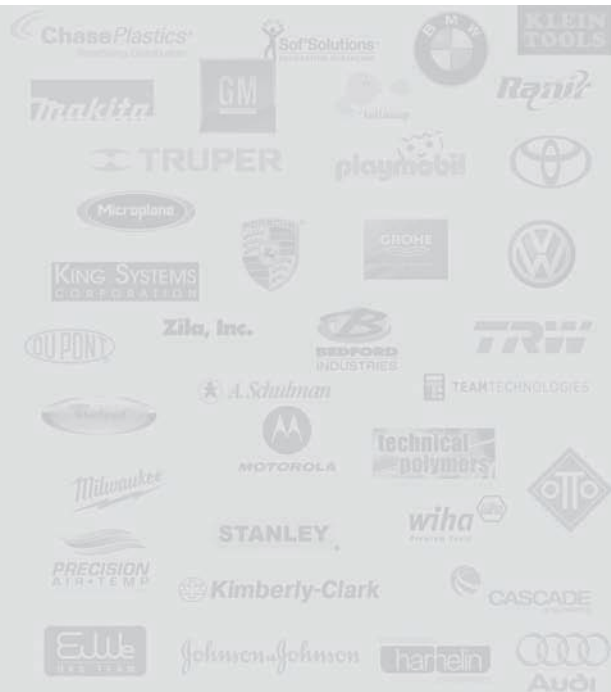
Product PORTFOLIO
~ 4000 different soft plastic compounds
~ 7 different product lines

COUNTRIES served
~ 30 (thirty)

“CUSTOMER SERVICE IS MORE THAN JUST KEEPING CUSTOMERS SATISFIED.
IT IS THE ART OF CREATING LOYAL, REPEATING CLIENTS.”

OUR CUSTOMER CARE OBJECTIVES

- > CREATE A CULTURE OF CUSTOMER FOCUS
- > CREATING RAPPORT AND BUILDING LOYALTY
- > ACHIEVING CUSTOMER SATISFACTION



At United Soft Plastics, it is our philosophy to meet and exceed the expectation of our customers. Based on our philosophy and our objectives, our staff is committed to supplying you with the best service in our industry. Not only in the aspect of day to day business, but also by helping you with any kind of question in regards to TPE materials and their processing. We consistently expand our product portfolio and information resources to ensure continued customer satisfaction.

OUR PRINCIPLES OF QUALITY CUSTOMER SERVICE

We will service our customers by creating and delivering a quality service, which is unique and valuable.

We will listen to our customers who represent the marketplace.

Our mission is to create a unique service to meet our customer needs and to deliver that service as efficiently and effectively as possible.

It is our goal to provide outstanding value for money, to design and deliver quality and service unmatched by our competitors.

Number of CLIENTS
~ > 500

“WE WILL BE AT YOUR SERVICE WITH ALL OUR
PROFESSIONAL EXPERIENCE AND KNOW-HOW.”



New technologies used by United Soft Plastics, furthermore assure a high economic efficiency. Uniform product quality, on-time delivery, and reliable supply at competitive pricing are our customers expectations.

These demands are the drivers behind the USP philosophy of excellence in every aspect of our operations.

Rudi Herbst, Founder

OUR TECHNOLOGY

- > GERMAN & US ENGINEERING
- > EXCEPTIONAL KNOWLEDGE
- > WORLDCLASS RAW MATERIALS

OUR ADVANTAGE

- > STRONG DEVELOPMENT
- > HIGH QUALITY
- > SHORT LEAD TIMES
- > EXCELLENT SERVICE
- > COMPETITIVE COST

MARKET SEGMENTS

CONSUMER



Personal care
Sporting goods
Infant care & toys
Houseware
Footwear
Tool grips

TPE & CONSUMER INDUSTRY

TPE Characteristics for Consumer

PERFORMANCE

- FDA, EU compliance

FUNCTIONAL

- Overmold adhesion
- Scratch resistance
- High strength

AESTHETICS

- Custom surface appearance
- Custom colors & effects
- Range of soft touch feels

PROCESS ABILITY

- Injection moldable
- Extrusion

INDUSTRIAL



Safety equipment
Industrial hose
Industrial tubing
Pipe seals
Material handling

INDUSTRIAL APPLICATIONS

TPE Characteristics for Industrial

PERFORMANCE

- NSF listed
- UL listed

FUNCTIONAL

- Sealing & gaskets
- Chemical resistance
- High abrasion resistance

AESTHETICS

- High grip
- Low friction
- Colorable

PROCESS ABILITY

- Extrusion
- Injection moldable

PACKAGING



Food containers
Caps & closures
Tubing
Dispensing valves
Synthetic Corks
Packaging Grips

TPE FOR PACKAGING

TPE Characteristics for Packaging

PERFORMANCE

- FDA, EU compliance

FUNCTIONAL

- Gas barrier
- Sealing & gasket
- Compression set resistance
- Overmold

AESTHETICS

- Clarity
- Soft touch

PROCESS ABILITY

- Injection moldable
- Extrusion

AUTOMOTIVE



Automotive interior
Seals
Under hood parts
HVAC seals
Floor mats
Noise management
components

TPE-S FOR AUTOMOTIVES

TPE Characteristics for Automotive

FUNCTIONAL

- Abrasion resistance
- Low fogging and odor
- Excellent mechanical properties

AESTHETICS

- Matte surface finish
- Good colorability

PROCESS ABILITY

- Extrusion
- Blow molding
- Injection moldable

TPE-S WITH ADHESION TO...

Polypropylene - PP
Polyethylene - PE
Co-Polyester (COPE)
Nylon
PMMA
PC - PC/ABS
ABS
PS
PBT
PET
ASA

TPE-S FOR SPECIAL REQUIREMENTS

Material Features

FDA	USP IV	NSF	UL
High Strength	Abrasion Resistance	Pre-colored	Super Soft
High Transparent	High Density	Overmold Adhesion	Chemical Resistance
Smooth Touch	Low Friction	Improved Cycle Times	Many Others

MEDICAL
ELECTRONICS
APPLIANCES
PACKAGING
CONSUMER
ELECTRICAL
INDUSTRIAL
CABLE & WIRE
CONSTRUCTION
AUTOMOTIVE

WE OFFER A UNIQUE, **HIGH QUALITY PRODUCT PORTFOLIO**
IN THE TPE MARKET.

**UNITED
SOFT
PLASTICS**
**BETTER
TPE**
SOLUTIONS

UNISOFT TPE™

OUR **VERY COMPETITIVE** PRODUCT LINE FOR ALL STANDARD APPLICATIONS

Standard series of styrene block co-polymers

Hardness	Natural	Clear	Black
25 SHORE A	●	●	●
30 SHORE A	●	●	●
35 SHORE A	●	●	●
40 SHORE A	●	●	●
45 SHORE A	●	●	●
50 SHORE A	●	●	●
55 SHORE A	●	●	●
60 SHORE A	●	●	●
65 SHORE A	●	●	●
70 SHORE A	●	●	●
75 SHORE A	●	●	●
80 SHORE A	●	●	●
85 SHORE A	●	●	●
90 SHORE A	●	●	●

UNISOFT TPE™ is our basic pre-developed compound series. This product line offers some distinct advantages such as excellent properties, easy processing and coloring. It also offers competitive pricing and short term availability. Many design engineers like the functionality, soft touch appearance and the practicality of these compounds. It allows users to choose colors and the needed hardness to easily find the right working TPE product for many different applications.

Key Benefits

- ▶ Excellent processing and properties
- ▶ Competitive price
- ▶ Short term availability

UNISOFT ADHESION™

SPECIAL ADHESION GRADES FOR ALL NON PP OVER MOLDING APPLICATIONS

Adhesion series of styrene block co-polymers

Hardness	ABS, PC, ABS/PC, PC/PBT, ET, PETG	Clear Multipurpose Adhesion	PETG, PS, HIPS, PPO, PET
35 SHORE A	●	●	●
40 SHORE A	●	●	●
45 SHORE A	●	●	●
50 SHORE A	●	●	●
55 SHORE A	●	●	●
60 SHORE A	●	●	●
65 SHORE A	●	●	●
70 SHORE A	●	●	●
75 SHORE A	●	●	●
80 SHORE A	●	●	●
85 SHORE A	●	●	●
90 SHORE A	●	●	●

Our **UNISOFT ADHESION™** compound series, offers excellent over molding TPE-S to many different thermoplastic substrates.

As a leader in adhesion development and over molding technology we offer soft materials to almost all engineered thermoplastic materials such as PC, ABS, SAN, PPO, HIPS, PS, PBT, PET and many more.

Key Benefits

- ▶ Excellent over molding properties
- ▶ Upgraded bonding technologies
- ▶ Adhesion to many different substrates

“TO SATISFY OUR CUSTOMERS MATERIAL REQUESTS WE OFFER A TOTAL OF SEVEN DIFFERENT **TPE PRODUCT FAMILIES.**”

UNISOFT SPECIAL™

OFFERS MATERIAL **FOR SPECIAL REQUIREMENTS** LIKE FDA, NSF-14, ETC.

This product line offers materials for special markets and specifications and/or very special properties. Our **UNISOFT SPECIAL™** line offers several groups of compounds providing additional material performances to fulfill different needs and specifications in different markets and industries such as automotive industry, medical and pharmaceutical industry. This product line also offers material with special properties for extrusion, printing, transparency, and many others.

Key Benefits

- ▶ Materials designed for certain markets and/or standards
- ▶ Special solutions for special requirements
- ▶ Offering special properties for special ideas

Compounds with special performances

Plasticizer free TPE-S

High resilience TPE-S

Extreme outdoor resistance

USP Class VI

EN 71/3

UL 94 V0

RAL GZ 716/1

CSTB DER/BV-PEM

UNISOFT CUSTOMIZED™

NEW CHALLENGES THAT ARE DEMANDING **CUSTOMIZED SOLUTIONS**

Some special applications require new challenged materials not offered yet in the market. **UNISOFT CUSTOMIZED™** material is your right partner for innovative solutions nobody else can offer. As a result, the first available PPO and HIPS adhesion to TPE-S was developed by USP personnel.

Key Benefits

- ▶ Special problem solving materials
- ▶ Exclusive development
- ▶ Customized projects

Customized Styrene-Block-Copolymers

German Engineering

Exceptional Knowledge

Worldclass Raw Material

Increased business security through an exclusive use of **UNISOFT CUSTOMIZED™** development platform

Fewer hurdles in choosing the right material for new applications

OUR PRODUCTS

UNISOFT TPE™	Standard Series of Styrene Block co-polymers
UNISOFT ADHESION™	Adhesion Series of different TPE compounds
UNISOFT SPECIAL™	TPE compounds with special performances
UNISOFT CUSTOMIZED™	Customized TPE compounds
UNISOFT POLARIC™	High transparent TPE with improved oil resistance
UNISOFT TOUCH™	TPE compounds with extreme smooth and dry surface
UNILINK TPE-V™	TPE-V compounds where TPE-V is specified

**UNITED
SOFT
PLASTICS
BETTER
TPE
SOLUTIONS**

UNISOFT POLARIC™

NEW ACRYLIC BASED TPE'S WITH HIGH CLARITY AND IMPROVED OIL RESISTANCE

Certain applications require high transparency which cannot be achieved by any polyolefin or most TPE materials. With the new possibility to achieve a soft acrylic material, you can combine the softness of a TPE with the clarity of an acrylic material. These materials are available in a wide hardness range of about 35 Shore A to about 35 Shore D. In addition, these materials have an excellent UV resistance and come also with an improved oil and fat resistance.

Key Benefits

- ▶ High Clarity
- ▶ Improved Oil resistance
- ▶ Adhesion to many different substrates

UNISOFT TOUCH™

NEW TPE MATERIALS WITH EXTREME SMOOTH AND DRY SURFACE, LIKE SILK

For some High End products, a special material surface is required. Extremely low tackiness, dry and smooth surface like silk but still soft. We can offer these kind of materials in hardness range > 45 Shore A. In addition, improved oil and skin fat resistance makes sure that this soft touch is a long lasting experience.

Key Benefits

- ▶ Extreme smooth and silky surface
- ▶ Improved Oil and fat resistance
- ▶ More cost efficient than siloxane-based materials

UNILINK TPE-V™

TPE-V MATERIALS BASED ON EPDM/PP FOR PRE-SPECIFIED APPLICATIONS

Many part drawings in the automotive and construction industry contain pre-specified TPE-V materials. **UNILINK TPE-V** is a great alternative if a specification cannot be changed. We offer **UNILINK TPE™** materials in a wide hardness range from 45 Shore A to 50 Shore D and in basic natural and black colors.

Key Benefits

- ▶ TPE-V compounds based on EPDM/PP
- ▶ easy processing
- ▶ Wide hardness range



We are here for you!

USP MISSION STATEMENT

We at USP strive to grow our business with the same honesty and integrity used to develop and manufacture our high quality TPE's. We offer our customers sustainability and great solutions; by empowering our employees to create and share ideas we aim to offer the best possible TPE product selection and service in the industry.

USP VISION

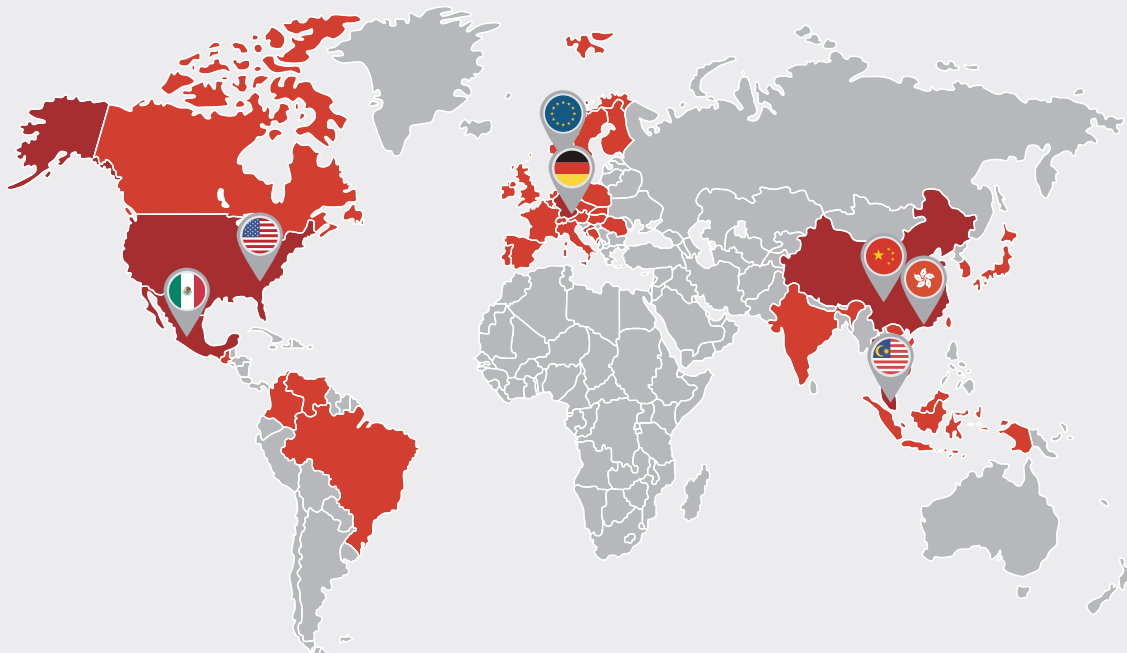
Our vision is to inspire innovation globally through our custom product solutions while maintaining our promise of corporate social responsibility.

USP Core Values

- ▶ HONESTY
- ▶ RESPECT
- ▶ ACCOUNTABILITY
- ▶ TEAMWORK
- ▶ EXCELLENCE

For further information please visit our website at www.unitedsoftplastics.com

UNITED SOFT PLASTICS BETTER TPE SOLUTIONS



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