

## Surfaces and special effects @ LyondellBasell

We like to play with optics, haptics, colors and effects.  
Just the way to show your application at its best.



## Surfaces and special effects @ LyondellBasell

LyondellBasell's Engineered Plastics solutions offer superior surface and color effects combined with the right choice of material to meet exactly the demands of your application.

### Glossy surfaces



#### **Hostacom**

high gloss surface for appliances and automotive applications

#### **Ronfalin MABS**

transparent base material gives high surface gloss when colored

#### **Schulablend M/MC**

(Copolyester-Blend)

highest chemical resistance for tough environments

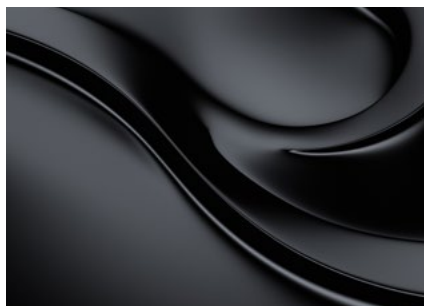
#### **Schulablend M/MX (PC/PBT)**

UV stable and well-balanced mechanical properties

#### **Schulaketon black**

superior scratch and wear resistance, high surface gloss, unbreakable PK compound.

### Matt surfaces



#### **Hostacom**

high flow PP compound with highest surface appearance including scratch and mar resistance

#### **Ronfalin ABS M**

colored low gloss ABS compounds, food contact

#### **Schulablend M/MK (PA/ABS)**

the workhorse amongst matte compounds

#### **Schulablend M/MW (PA/ASA)**

UV stable compound with matte surface

#### **Schuladur**

customized solutions in PBT

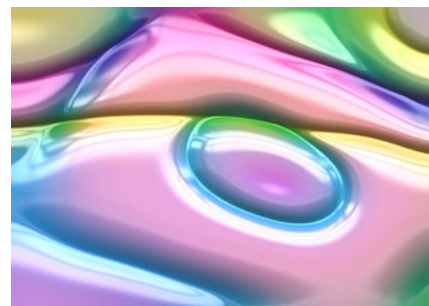
#### **Schulamid**

all options with our various Nylon compounds

#### **Softell**

paint free matt surface optics combined with superior soft touch surface haptics

### Effect colors



#### **Hifax silver**

UV stable metallic PP compound for exterior use

#### **Ronfalin ABS silver**

high flow metallic effect ABS compound

#### **Schulablend M/MC pearl**

chemically stable, food contact high gloss Copolyester compound with pearl effect color

#### **Schulablend M/MW (PA/ASA) metallic**

UV stable PA/ASA compound with metallic effect

#### **Schulamid 612/X silver**

high impact UV stabilized metallic Nylon 612 compound

## Product features

- Color shades can be matched according to customers' needs.
- Required technical features as well as further requirements like food contact, outdoor weathering and light stability, processing and more can be met exactly by choosing suitable base polymers.
- Depending on part- and mold geometry, replacement of spray painting is possible.
- For new projects LyondellBasell offers an expert technical support such as material choice, injection molding simulation, guidance on mold and part design as well as practical support on site of processing.

# Application examples

## High gloss

High gloss automotive interior parts like media frames, panels, dashboard parts etc. Replacement of spray painted parts for cost saving reasons. Important features: scratch / mar resistance, chemical resistance (hand cream, sweat, drinks)

**Hostacom EYS 2004L**

**Schulaketon black**

**Schulablend M/MX (PC/PBT) 5301 U**



## Matt

Matt compounds for high value coffee machine housings. Important features: low gloss surface, stable colors, high value soft touch haptics, cost effective

**Ronfalin ABS 1421 M**

**Schulablend M/MK (PA/ABS) 6201 MT**

**Softell TKG 300N**



## Metallic effect

Metallic effect compounds for automotive applications. Example: underbody protection for high class SUV cars. Important features: metallic effect compound replaces spray painted parts, high impact strength, highest UV and weathering resistance, light weight

**Hifax TRC silver**

**Polyfort FIPP 10T silver**



LyondellBasell's expertise helps you to find the right material fit for purpose.

# ABOUT US

**LyondellBasell (NYSE: LYB)** is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polymer compounds and the largest licensor of polyolefin technologies. More information about LyondellBasell can be found at [www.LyondellBasell.com](http://www.LyondellBasell.com).

For more information, visit [lyb.com](http://lyb.com)

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