

NovMMU

As part of our promise to provide our clients with the newest and most innovative materials sourced from around the world, we are pleased to present our monthly Materials Update. Here you will find the latest materials to have been added to the database, upon their acceptance by our regular jury process.

These materials can be seen online and on-site at our New York location. Selected materials are also available at our Cologne, Daegu, Milan, and Bangkok locations; please call or email us at any of the addresses listed for more information.

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Our subscription-based Materials Library is the world's largest library of advanced, innovative and sustainable materials and processes. With 45-60 new materials added every month, our libraries around the world give you immediate access to 7,000+ materials onsite and online, Material Specialists and Monthly Updates on what's new.

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MC 0044-15

Woven, upholstery fabric composed of 100% post-consumer recycled polyester, that is the first gold-level certified textile under "the facts™" ecolabel. Applications are for upholstery.

MC 1965-16

Laminated glass that incorporates a pearlescent textile sandwiched between two layers of glass. This material uses a patented Galaxy V-Series™ lamination process to manufacture the glass tiles.

MC 2604-28

Thin sliced wood veneer with a flexible polyurethane (PU) polymer backing. The material is lightweight, translucent, can be sewn or glued like paper or fabric.

MC 2604-29

Emblem and logo printing technology with very fine definition accuracy when compared to embroidered, PVC or silicone emblems.

MC 4613-02

Fine and highly flexible conductive yarn composed of 60% indium (metallic element) and 40% PETG. This yarn has a relatively high conductivity for a micro wire; can be woven or knitted into a variety of textile structures.

MC 4613-03

Range of conductive yarns with either stainless steel, copper or silver as the conductive element. All of the yarns are extrusion coated with PVC to provide ease of braiding, moisture and abrasion resistance.

MC 4725-03

A high-pressure laminate (HPL) panel that combines aluminum (46%) backed with a phenolic resin impregnated paper (54%); creating the look and feel of textured sheet metal.

MC 4725-04

A high-pressure laminate (HPL) panel that combines aluminum (18%) backed with a phenolic resin impregnated paper (82%); creating an embossed metal look and feel.

MC 4725-05

A high-pressure laminate (HPL) panel that combines reconstituted wood veneer (22%) backed with a phenolic resin impregnated paper (78%), creating the look and feel of continuous wood paneling.

MC 5429-16

Paper substrate for high performance printing of electronic conductive inks. This 100% cellulosic paper contains no plastics, but offers a polymer-like surface.

MC 5790-08

Lightweight board composed of an expanded foam core, sandwiched between two UV- and weather-resistant solid surfaces, all polystyrene in composition.

MC 5790-09

Stiff, lightweight board with a polyurethane foam core and a canvas surface that adds visual depth to any printed image.

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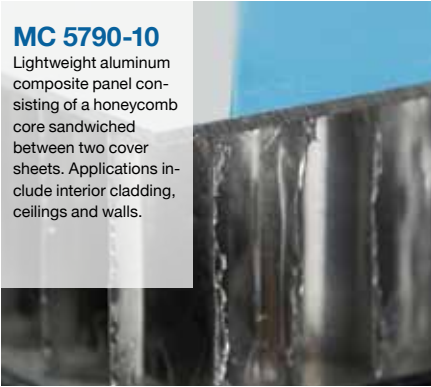
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MC 5790-10

Lightweight aluminum composite panel consisting of a honeycomb core sandwiched between two cover sheets. Applications include interior cladding, ceilings and walls.



MC 5808-08

Masterbatch additive which creates 'visible tension' and disruption below the smooth surface of molded plastics, creating the appearance of texture. Applications include blow molding and injection molding.



MC 5827-05

Range of resin compounds composed of corn starch (32%) filled polypropylene (PP). This material has been designed to have an excellent balance between impact strength, rigidity and processability.



MC 5827-06

Resin compound composed of polypropylene (PP) with 20% algae biomass content. The lower petroleum-based plastic content as well as the natural renewable content is intended to provide a low-carbon footprint.



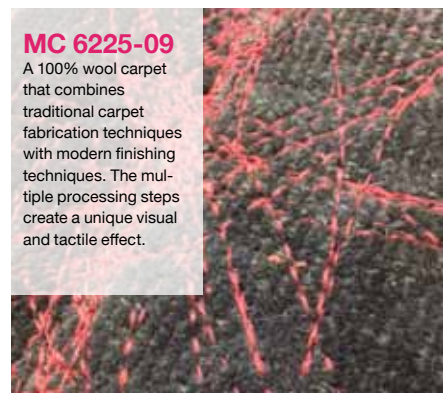
MC 5827-07

Range of resin compounds composed of an ethylene/methyl acrylate copolymer (EA) or a thermoplastic elastomer (TPE) with 25 - 50% corn starch content.



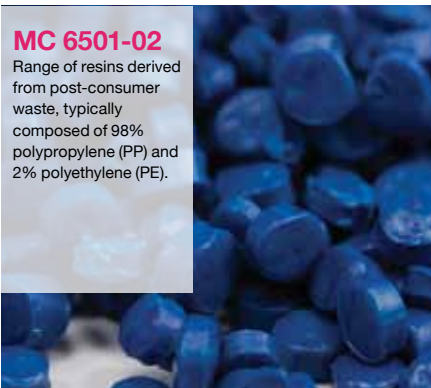
MC 6225-09

A 100% wool carpet that combines traditional carpet fabrication techniques with modern finishing techniques. The multiple processing steps create a unique visual and tactile effect.



MC 6501-02

Range of resins derived from post-consumer waste, typically composed of 98% polypropylene (PP) and 2% polyethylene (PE).



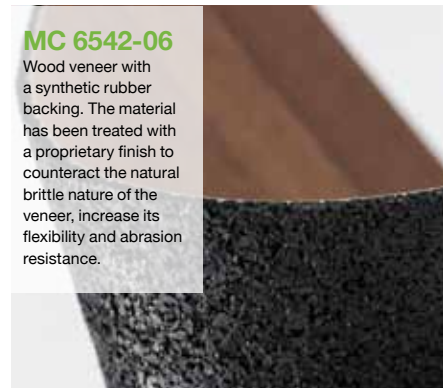
MC 6524-05

Micro-perforated wood veneer on a non-woven textile backing. Applications include lighting and decorative panels.



MC 6542-06

Wood veneer with a synthetic rubber backing. The material has been treated with a proprietary finish to counteract the natural brittle nature of the veneer, increase its flexibility and abrasion resistance.



MC 6656-02

Washable cow hide leather that is certified to be safe for infant contact. Applications include apparel, shoes, accessories, furniture, upholstery, interior décor and automotive.



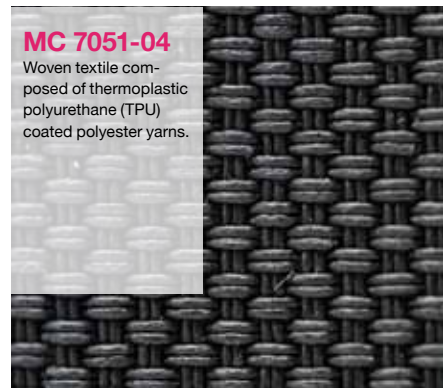
MC 6799-07

Range of papers which replace up to 15% virgin tree pulp with agro-industrial by-products such as coffee, hazelnut, almond, olive, kiwi fruit, citrus fruit and corn.



MC 7051-04

Woven textile composed of thermoplastic polyurethane (TPU) coated polyester yarns.



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MC 7111-02

Lamb leather bonded to a coarsely knitted textile. Applications include apparel, shoes and accessories for horizontal work surfaces.



MC 7111-03

Long nap lamb suede which is chrome tanned and through-dyed. The leather has been finished with a proprietary technique to create a nap effect reminiscent of brushed flannelette.



MC 7111-04

Lamb leather bonded to a stretch textile backing composed of 97% cotton and 3% elastane. The leather has been chrome tanned, through dyed and finished to create a soft hand and a unique stained appearance.



MC 7111-05

Lamb leather with a very soft smooth touch. This material is also available as a stretch version backed with a 97% cotton and 3% elastane textile. Applications include apparel and leather accessories.



MC 7111-06

Lightweight lamb leather with a soft smooth finish. The soft touch and visual appearance of the leather remains over the life of the article. Applications include apparel and leather accessories.



MC 7113-03

Extruded impact modified polystyrene (PS) sheet made from post-consumer recycled polymer that maintains the consistent processing and performance properties of virgin resin sheet.



MC 7113-04

A heterogeneous mix of engineering grade polymer granules recovered from end of life automotive materials. The mix is rich in polystyrene (PS) and acrylonitrile butadiene styrene (ABS).



MC 7119-01

Case-Hardened gear steel with ultrahigh-strength core. This premium-quality VIM/VAR steel that offers high fracture toughness, high fatigue strength, high core strength, high temperature resistance, and high hardenability.



MC 7120-01

Process for translating the colors and shadows of photographic images into an array of various sized holes through the use of a proprietary software program. Applications include signage and stationery.



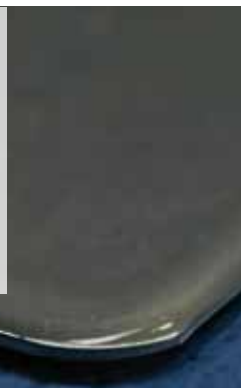
MC 7121-01

Patented process for the chrome plating of extruded aluminum profiles via a combination of Plasma-Enhanced Chemical Vapor Deposition (PECVD) and Physical Vapor Deposition (PVD).



MC 7122-01

Antiseptic and bacteriostatic powder coating composed of polyester, pigments and additives, available with or without epoxy as an ingredient. The presence of silver ions within the coating inhibits the growth and spread of bacteria.



MC 7123-01

Hand silk screened patterns on clay-coated paper. The papers are manufactured with responsibly-sourced "elemental chlorine free" fiber.



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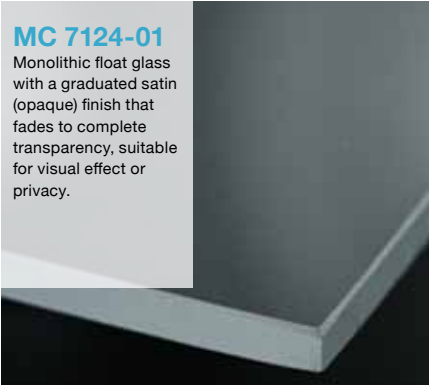
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MC 7124-01

Monolithic float glass with a graduated satin (opaque) finish that fades to complete transparency, suitable for visual effect or privacy.



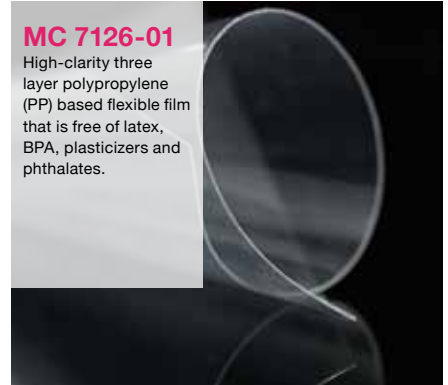
MC 7125-01

Unidirectional flax fiber tapes that can be infused with resin to create ultra-light-weight composites.



MC 7126-01

High-clarity three layer polypropylene (PP) based flexible film that is free of latex, BPA, plasticizers and phthalates.



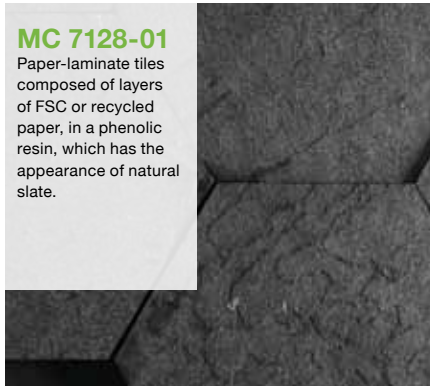
MC 7127-01

Multi-lobal polyester fiber with a highly textured cross section featuring several deep grooves that run along the length of each fiber.



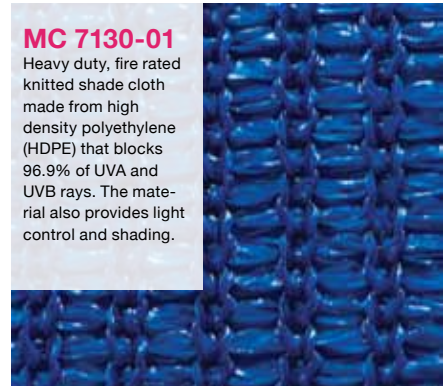
MC 7128-01

Paper-laminate tiles composed of layers of FSC or recycled paper, in a phenolic resin, which has the appearance of natural slate.



MC 7130-01

Heavy duty, fire rated knitted shade cloth made from high density polyethylene (HDPE) that blocks 96.9% of UVA and UVB rays. The material also provides light control and shading.



Andrew H. Dent, PhD

VP Library and Materials Research

Material ConneXion®

📞 +1 917 934 2895

✉️ adent@materialconnexion.com

🌐 materialconnexion.com

Chompoonuj Weerakitti

Director Library and Materials Research

Material ConneXion® Bangkok

📞 +66 (0) 2 664 8448

✉️ cweerakitti@materialconnexion.com

🌐 materialconnexion.com/th

Karsten Bleymehl

Director Library and Materials Research

Material ConneXion® Cologne

📞 +49 (0) 221 99 22 28 22

✉️ kbleymehl@materialconnexion.com

🌐 materialconnexion.com/de

Sun Ah Kim

Director Library and Consulting

Material ConneXion® Daegu

📞 +82 53 740 0033

✉️ sakim@materialconnexion.com

🌐 materialconnexion.com/kr

Micol Costi

Director Library and Materials Research

Material ConneXion® Italia

📞 +39 02 36553060/36553169

✉️ mcosti@materialconnexion.com

🌐 materialconnexion.com/it



A SANDOW Company

1271 Avenue of the Americas

17th Floor

New York, NY 10020

📞 +1 212 842 2050

📞 +1 212 842 1090

materialconnexion.com