

Hot wheels - Lexan* Margard* sheet teams up with Honda

With safety at the forefront, Honda Italia Industriale SPA opts for SABIC Innovative Plastics' Lexan Margard sheet for the Honda Pantheon

Lexan Margard FMR5 XT sheet continues to demonstrate its excellent fit with the windshield criteria of premier-brand scooter and motorcycle manufacturer Honda, as well as a growing list of other large and specialized makers. Honda Italia uses it for its Pantheon model (pictured here), indicating their sincere commitment to safety, quality and performance.



SABIC Innovative Plastics & Honda Italia Industriale SPA

Honda manufactures a wide range of products, including motorcycles, ATVs, generators, marine engines, lawn and garden equipment and automobiles. The company is also a leader in fuel-efficiency and low-emission technology.

Which is why Lexan Margard sheet qualified for the windshield of Honda's Pantheon scooter.

Lexan Margard sheet is a transparent, UV-resistant glazing material, with extremely high impact strength and hard-coated on both sides that offers outstanding resistance to wear and abrasion. Lexan Margard FMR5 XT sheet is a unique grade with a special formable coating that can allow high optical quality curved parts, such as motorcycle windshields, to be made cost effectively in a single operation.

Moreover, it delivers an additional productivity advantage during assembly, and being tougher and stronger than most traditional materials, it resists breakage during fitting and assembly.

The combination of break resistance, optical clarity and design flexibility has persuaded many manufacturers to replace traditional acrylic materials with Lexan Margard FMR5 XT sheet in windshield applications.

In Italy, Honda specified the material some years ago for their motor scooters.

The advantages of Lexan Margard FMR5 XT sheet are leading to its adoption for the emerging generation of high-performance scooters. These large 500cc scooters place even higher demands on materials that match safety requirements and aerodynamic design capabilities.

Safety has always been an important concern for manufacturers such as Honda. The excellent impact performance of Lexan Margard FMR5 XT sheet helps alleviate that concern.

Unlike traditional materials, which tend to be brittle and crack and splinter, Lexan Margard FMR5 XT sheet resists breakage in many accident scenarios.

Not only does this help eliminate risk of injury by a breaking windshield, it also eliminates replacement cost if by mischance the scooter falls over.

Lexan Margard FMR5 XT sheet meets key international safety standards, including those of the US Department of Transportation, thereby facilitating export of the same scooters globally.

Case Study

Lexan* Margard* sheet / Honda Italia Industriale SPA

Details at

honda.com

For further information, contact

Franco Marchini

SABIC Innovative Plastics

Specialty Film & Sheet

T +39 331 3499 74

F +39 331 3499 21

Email

franco.marchini@sabic-ip.com

productinquiries@sabic-ip.com

THE MATERIALS, PRODUCTS AND SERVICES OF SABIC INNOVATIVE PLASTICS HOLDING BV, ITS SUBSIDIARIES AND AFFILIATES ("SELLER"), ARE SOLD SUBJECT TO SELLER'S STANDARD CONDITIONS OF SALE, WHICH CAN BE FOUND AT <http://www.sabic-ip.com> AND ARE AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION OR RECOMMENDATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SELLER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING SELLER'S PRODUCTS, SERVICES OR RECOMMENDATIONS. EXCEPT AS PROVIDED IN SELLER'S STANDARD CONDITIONS OF SALE, SELLER SHALL NOT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user is responsible for making its own determination as to the suitability of Seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis. Nothing in any document or oral statement shall be deemed to alter or waive any provision of Seller's Standard Conditions of Sale or this Disclaimer, unless it is specifically agreed to in a writing signed by Seller. No statement by Seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Seller or as a recommendation for the use of such product, service or design in a manner that infringes any patent or other intellectual property right.

SABIC Innovative Plastics is a trademark of SABIC Holding Europe BV

* Lexan and Margard are trademarks of SABIC Innovative Plastics IP BV

© Copyright 2007 of SABIC Innovative Plastics IP BV. All rights reserved.

April/2005