


ShinEtsu



TYLOPUR

CLEARCOAT NUTRA[®]

NATURAL COATING OF NUTRACEUTICAL & NUTRITIONAL TABLETS

A close-up photograph of several bright green ginkgo leaves. The leaves are fan-shaped with distinct veins and are covered in numerous small, clear water droplets. The background is a soft, out-of-focus green, creating a natural and fresh atmosphere. A semi-transparent dark green horizontal band is positioned across the middle of the image, containing the text "MADE FROM NATURE" in white, uppercase, sans-serif font.

MADE FROM NATURE

TYLOPUR

CLEARCOAT NUTRA®



TYLOPUR CLEARCOAT NUTRA® IS A PLANT DERIVED CELLULOSE-BASED INGREDIENT. IT IS SPECIFICALLY DEVELOPED FOR NUTRACEUTICAL AND NUTRITIONAL APPLICATIONS.

TYLOPUR CLEARCOAT NUTRA® PROVIDES A NATURAL EASY TO USE TABLET COATING. IT IS ALSO SUITABLE FOR USE IN TABLET FORMULATIONS VIA GRANULATION.



BENEFITS & APPLICATIONS

YOUR BENEFITS

YOUR TABLETS GAIN AN EASILY MADE COATING WITH ONLY TWO NATURAL INGREDIENTS: PLANT DERIVED TYLOPUR CLEARCOAT NUTRA® AND WATER ... NATURALLY CLEAR CHOICE!



YOUR TABLETS HAVE A BRILLIANT, TRANSPARENT AND SHINY FINISH.



YOUR ACTIVE INGREDIENT IS PROTECTED AGAINST HUMIDITY.



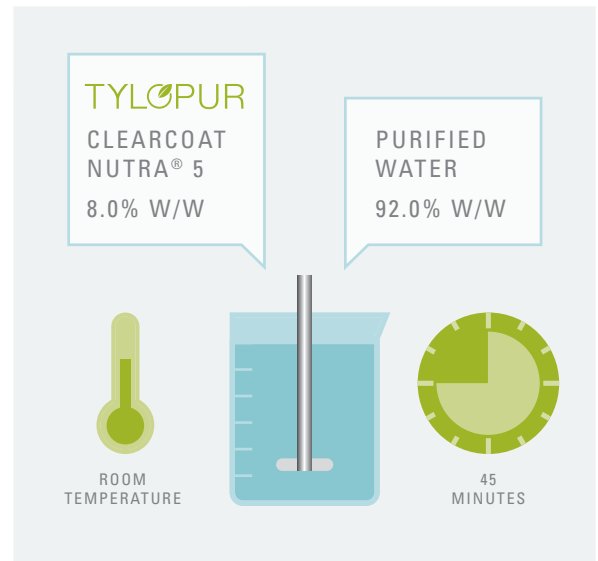
YOUR TABLETS ARE LESS FRIABLE DURING PACKAGING.



YOUR CONSUMERS ENJOY THE IMPROVED SWALLOWABILITY.

BESIDES TABLET COATING, ADDING TYLOPUR CLEARCOAT NUTRA® TO YOUR GRANULATION PROCESS IMPROVES PARTICLE SIZE, FLOW AND COMPACTIBILITY OF YOUR ACTIVE INGREDIENT FOR TABLET COMPRESSION.

FORMULATION EXAMPLE



TYLOPUR CLEARCOAT NUTRA® 5 WAS DISSOLVED IN WATER AT ROOM TEMPERATURE WITHIN 45 MINUTES.

A HOMOGENOUS TABLET COATING IS ACHIEVED WITH MAXIMAL 3% POLYMER WEIGHT GAIN.

FOR MORE DETAILS PLEASE VISIT OUR SHIN-ETSU NUTRA YOUTUBE CHANNEL.

A laboratory scene featuring a hand holding a beaker with green liquid, a flask with a plant stem, and a petri dish with yellow liquid and leaves. A pile of white powder is in the foreground, and pink berries are on the right. A green banner with white text is overlaid in the center.

LABORATORY SERVICE & QUALITY

LABORATORY SERVICE



OUR FORMULATION EXPERTS SUPPORT YOUR LIFE CYCLE MANAGEMENT IN OUR LAB FACILITIES LOCATED IN WIESBADEN, GERMANY AND TOTOWA, USA.



WE WORK CLOSELY WITH YOU TO IDENTIFY AND DEFINE YOUR PROJECT'S TARGETS.



WE OFFER A WIDE ARRAY OF ANALYTICAL SUPPORT INCLUDING:

- GRANULATION, TABLETING AND COATING EQUIPMENT TO SUPPORT YOUR EFFORTS IN CREATING THE PERFECT TABLET CORE AND TABLET COATING
- TABLET MOISTURE UPTAKE ANALYSIS, FRIABILITY AND HARDNESS TESTING



WITH OUR IN DEPTH KNOWLEDGE OF TABLET COATING DESIGN, WE CAN HELP TO SIMPLIFY YOUR COATING FORMULATION.



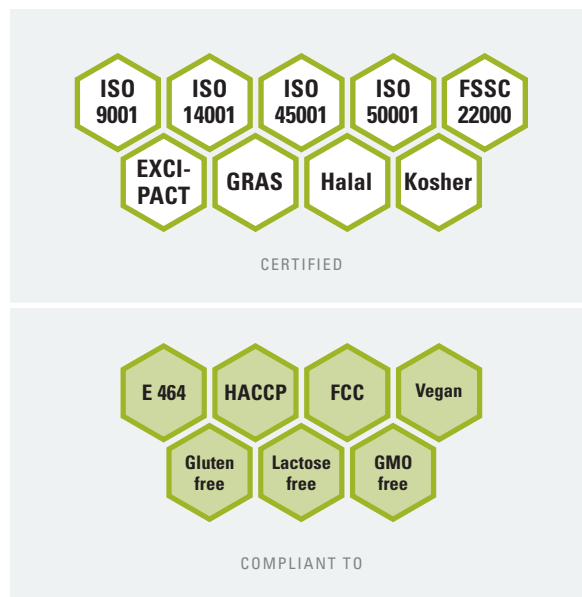
WE CONTINUOUSLY SUPPORT YOUR DEVELOPMENT EFFORTS THROUGH IN HOUSE SEMINARS AND WORKSHOPS.

OUR PRODUCT PORTFOLIO

TYLOPUR CLEARCOAT NUTRA® 5 (5 mPas, 5 cps)
TYLOPUR CLEARCOAT NUTRA® 15 (15 mPas, 15 cps)

HIGH QUALITY

MANUFACTURED IN GERMANY, TYLOPUR CLEARCOAT NUTRA® IS A PLANT DERIVED PRODUCT THAT COMPLIES TO EUROPEAN AND US GUIDELINES AND GUARANTEES EXCLUSION OF NON-CONFORMING INGREDIENTS (DIOXIDES, STEARATES).





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