



**TAYLORMADE**<sup>®</sup>

RENEWABLES LTD.

Energy | Environment | Innovation

# **PANEER PLUS<sup>+</sup>**

High Quality Rich Protein

## **Unlocking New Horizons in Dairy Processing**





## TRL Paneer Plus Plant

At **Taylormade Renewables Limited (TRL)**, we are proud to introduce TRL - Paneer Plus, a groundbreaking solution empowered by our latest innovation, TRL Zeo Membrane technology. With our cutting-edge TRL Zeo membrane technology, we aim to revolutionize the Paneer processing industry by maximizing yield, improving quality, and ensuring sustainability in dairy production.

### Key Features:

- ▶ Increased Paneer Yield by more than 20%
- ▶ Higher Flux Rate of Permeate for Efficient Filtration
- ▶ Reduced Operational Time for Optimal Production Efficiency
- ▶ Lower Operation Cost, Leading to Significant Cost Savings
- ▶ Extended Operational Temperature Range for Diverse Operating Conditions
- ▶ Wider Range of Cleaning pH for Enhanced Membrane Cleaning Efficacy
- ▶ Compact Footprint, Saving Valuable Space in Production Facilities
- ▶ User-Friendly Operation for Ease of Use and Maintenance

# Transform Your Dairy Production with TRL-Paneer Plus



## Enhanced Yield, Superior Quality:

With TRL-Paneer Plus, experience a substantial increase in yield while maintaining the highest standards of quality. Our advanced TRL Zeo Membrane ensures efficient separation of components, resulting in dairy products with unmatched richness and texture.

## Cost-Effective and Sustainable:

Say goodbye to excessive operational costs and environmental concerns. TRL-Paneer Plus optimizes production efficiency, reduces resource consumption, and promotes sustainable practices, leading to substantial cost savings and environmental benefits for your business.

## Versatile and Reliable:

From small-scale operations to large-scale production facilities, TRL-Paneer Plus offers versatility and reliability to meet your specific needs. With customizable feed parameters and adaptable membrane configurations, our system seamlessly integrates into diverse dairy processing operations.

## Feed Parameters:

- Temperature: 5°C
- Feed Type: Pasteurized Skim Milk
- Fat Content: 0.05%

## Other Applications:

In addition to revolutionizing Paneer production, TRL Zeo Membrane offers a wide range of applications across the dairy industry, including:

- Concentration of Skimmed Milk
- Concentration of Whole Milk
- Concentration of Cheese Whey
- Separation of Protein and Lactose from Skimmed Milk
- Separation of Protein and Lactose from Cheese Whey
- Purification of Protein
- Purification of Lactose
- Removal of Traces of Milk from Spray Dryer Condensate Water
- Reduction of All Major Effluent Parameters from Wastewater
- Recycling of Fresh Water from Wastewater



## Our Expertise:

TRL offers a comprehensive range of TRL Zeo Membranes for following applications:

- Separation Technologies • Product Concentration • Recovery Systems

## Experience the TRL Advantage:

Join the ranks of leading dairy producers who have embraced TRL Zeo Membrane, for unparalleled performance and profitability. Elevate your dairy production to new heights with **Taylormade Renewables Limited**.



## Our Other Technologies:

- TRL Zeo Membrane, RO-BFO plant with Zeolites for recovering maximum drinking water from any brackish or Sea-water
- TRL Zeo Membrane for Surface and Subsurface disposal of Produced Water with ZLD (Zero Liquid Discharge) Option
- TRL Zeo Membrane in combination of TRL-RAIN (patented) for treating RO reject or concentrated Hazardous streams with High COD, BOD, TDS to ZLD from any industries
- TRL RAIN ULTRA - Best for Solvent Recovery from waste stream (patent applied and pending)
- TRL IAF EC-ULTRA with Zeolites & AOP using Artificial Intelligence – for hazardous Hospitals waste water
- Domestic Waste water treatment like STP, WTP and Grey water & Water Infrastructure.

**We are deployment partners for BARC for hazardous to drinking water applications**

“Unlock the Potential of Dairy Production with TRL's Zeo Membrane Technology - Your Partner for Innovation and Success.”



**TAYLORMADE**<sup>®</sup>  
RENEWABLES LTD.

Energy | Environment | Innovation

### Regd. Office:

12th Floor, Solitaire Connect, Nr. BMW Showroom,  
S. G. Highway, Makarba, Ahmedabad, Gujarat 380015.

**Phone:** +91 79 40040888

**Email:** info@trlindia.com **Website:** www.trlindia.com