Topilene® F501N

Polypropylene Homopolymer
For Fiber/Yarn Applications

Product Description

***Topilene*® F501N** is a polypropylene homopolymer used for extrusion and thermoforming applications. ***Topilene*® F501N** is formulated with a low water-carry-over additive package. Typical applications are monofilaments, ropes and tapes.

Characteristics

Typical Application	Raffia / Rope / Fishing net / Staple fiber
Features	Low water carry over / Stretchability

Typical Properties

Resin Properties	Method	Value	Unit
Melt Index(230℃, 2.16kg)	ASTM D1238	**3.7**	g/10min
Density	ASTM D792	**0.90**	g/㎤
Tensile Strength at Yield	ASTM D638	**370**	kg/㎠
Flexural Modulus	ASTM D790	**17,000**	kg/㎠
Notched Izod Impact Strength(23℃)	ASTM D256	**4.0**	kg·cm/cm

The values listed above are typical values for reference purpose only and shall not be construed as specifications.

Storage and Handling

This product should be stored in dry condition at temperature below 40°C and protected from UV-light. When condensation is visible or can be expected, pre-drying is recommended. (Drying condition: 80~100℃/2~4hours at air circulated condition)

Disclaimer

All information, including product characteristics, applications and properties are for reference purpose only and shall not be construed as specifications. Before using this product, customers should carefully review the instructions for use of the product to determine whether the product is suitable for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of this product. HYOSUNG VINA CHEMICALS CORPORATION assumes no legal responsibility or liability for the contents of this document. We reserve the right to change the contents of this document without prior notice. This document is copyrighted by HYOSUNG VINA CHEMICALS CORPORATION. ***Topilene*®** is a registered trademark owned or used by HYOSUNG VINA CHEMICALS CORPORATION.

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