

Milliken® Daran® 400

TECHNICAL DATA

Description

Daran® 400 is an aqueous anionic copolymer emulsion for general purpose applications where high barrier to water vapor and oxygen is needed.

Applications

- Paper
- Primed film coating
- Thermoforming

Storage

Protect from the effects of weathering and light. Store at temperatures between 5 and 30 °C. Once opened, containers should be resealed immediately after each removal of the product. Contact with common metals such as mild steel copper, zinc, or aluminum should be avoided.

Features

- High barrier for WVTR and OTR performance
- Heat Sealable
- Excellent extensibility even after full crystallization for thermoforming
- Low surface tension for good wettability on treated or primed films
- High block resistance

General Characteristics

Appearance	Creamy white
Non-Volatile Content	58%, 110 °C, 1h (Filter Papers)
pH	1.8 neat, pH meter
Density	1.31 g/cm ³ , 25°C
Viscosity*	10 mPa sec
Surface Tension	38 dynes/cm
Alcohol Tolerant	No

*Brookfield (25 °C) RV8, Spindle #1, 20 rpm

Safety and Handling

Please refer to our safety data sheet for information relating to product safety.

Please contact your Milliken representative for further product information including chemical registrations, food contact status, and other regulatory details.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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