



Technical Data Sheet

DOWSIL™ CB 9112 Blend

Features & Benefits

- Mixture of high and low molecular weight silicone polymers
- Improves wet and dry combability in rinse off conditioner
- Low D4/D5 (< 0.1%)

Applications

- Rinse off conditioner

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

CTM ¹	Property	Unit	Result
CTM 0176	Appearance		Clear liquid
CTM 0050	Viscosity, RVT Spindle 4 @ 10 rpm	cP	3900–6900
CTM 0768	Specific Gravity, 25°C		0.928–0.948
CTM 0002	Refractive Index, 25°C		1.390–1.410

1. CTM: Corporate Test Method.

Description

DOWSIL™ CB 9112 Blend is a 100% silicone mixture, consisting of high and low MW of silicone polymers designed at a ratio that gives a comparable performance to existing gum cyclic blends in a rinse off conditioner while meeting low D4/D5 need. There is no significant difference in dry combing force reduction compared to DOWSIL™ 1501 Fluid contained rinse off conditioner (Figure 1) and a little difference in wet sensory tests (Figure 2).

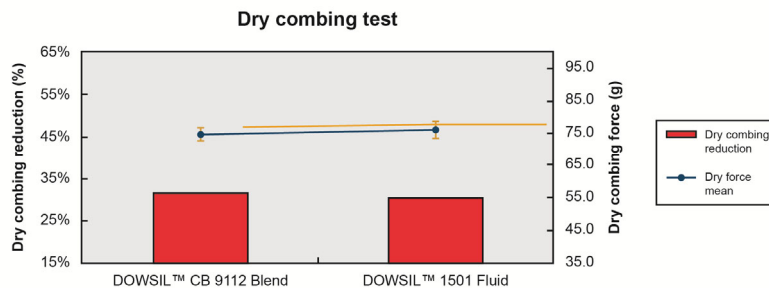


Figure 1: Dry combing performance at 2% of a testing product in rinse off conditioners

Description (Cont.)

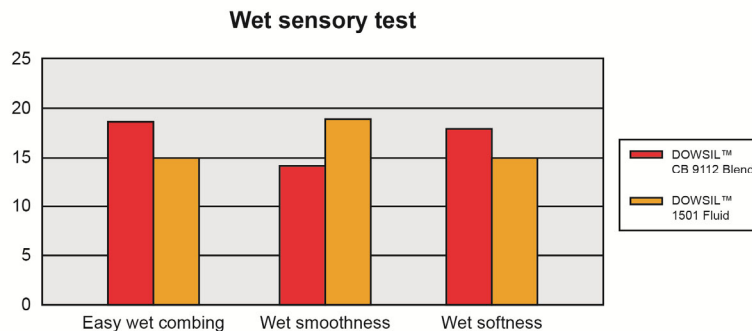


Figure 2: Wet sensory test at 2% of a testing product in rinse off conditioner

How to Use

This is a 100% silicone blend which does not mix in water. Treat as an oil blend. The recommended dosage for rinse off conditioner application is 2–3%.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

Usable Life and Storage

When stored in room temperature in the original unopened containers, this product has a usable life of 360 days from the date of production.

Packaging Information

This product is available in 180 kg drums. Samples are available in 500 g bottles.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

dow.com

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

