



MAGNASOFT 110

Textile Softener

■ Introduction

MAGNASOFT 110 Textile softener is a novel linear, polydimethylsiloxane amine polyalkyleneoxide copolymer. It is designed to impart soft, silky, full hand to all fabrics. Further, the softness of fabrics treated with fluorocarbon soil release additives will greatly benefit from Magnasoft 110 without any deterioration in their soil release characteristics. MAGNASOFT 110 imparts superior softness and very low yellowing, compared to conventional aminosilicones, when applied to a wide variety of fabrics.

■ Features and Benefits

- Provides a high level of softness for all types of fabrics
- Does not cause fabric yellowing
- Easily diluted with water
- Water dilutions have excellent compatibility with finishing baths
- Suitable for all normal application methods such as pad bath, exhaustion and spray
- Can be co-applied with fluorocarbon soil release agents



■ Typical Properties

Appearance	Cloudy yellow liquid
Viscosity at 25°C	Maximum 10000 cps
Can be diluted with	Water

■ Application

MAGNASOFT 110 textile softener is intended for use in textile finishing as a premium softener for all types of fabrics such as cotton, synthetics and cotton/synthetic blends. It is a very effective softener for use in wrinkle-free garments that are treated with durable press resin and fluorocarbon soil release agents. It is also a superior softener for knit and woven fabrics, including those that are durable press resin-treated.

Since MAGNASOFT 110 textile softener does not require emulsification, its water dilutions have excellent shear stability. Therefore, it is an excellent softener for applications where normal, emulsified softeners do not show adequate shear stability such as in EVAC systems.

MAGNASOFT 110 textile softener is normally applied as a water dilution that is blended into the treatment bath formulation to provide the desired silicone add-on.



■ **Pad bath**

MAGNASOFT 110	5 - 10 g/l
Bath pH	4,5 - 7,0
Pick Up (Dry)	70 - 80%
Dry	2 minutes at 120 or 140°C

MAGNASOFT 110	10 - 20 g/l
Bath pH	4,5 - 7,0
Pick Up (wet)	12 - 20%
Dry	2 minutes at 120 or 140°C

■ **Exhaustion**

MAGNASOFT 110	1,0 or 2,0% Bowf
Bath pH	5,0 a 6,0
Bath Temperature	Maximum 50°C
Time	15 - 30 minutes

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Momentive Performance Materials warrants that its product will conform to Momentive Performance Materials specifications at the time of application or use. The product must be stored in accordance with Momentive performance materials recommendations, and used or applied before the earliest of (1) the indicated "Use Before Date", (2) one year from date of purchase, or (3) expiration of such other period or recommended storage time stated in the Momentive Performance Materials product literature. If notified, in writing, of a claim within one month of the product's use or application, Momentive Performance Materials will, at its option, replace or refund the purchase price of any Momentive Materials Performance product, which does not satisfy the foregoing warranty.