

PT-223-58A-RD

DRY STRENGTH IMPROVER

PRODUCT INFORMATION:

PT-223-58A-RD is a dry-strength additive for paper and paperboard. PT-223-58A-RD is a polymer blend. It is supplied as an opaque, slightly viscous aqueous liquid.

APPLICATION:

PT-223-58A-RD is an organic polymer blend that adds strength and stiffness to paper and paperboard. PT-223-58A-RD will increase almost all dry-strength measurements with no effect on plybond or smoothness by improving fiber-to-fiber bonds. PT-223-58A-RD enhances dry-strength in almost all grades of paper and paperboard but is most cost-effective when used to add strength to products made from short-fiber, recycle furnish.

DOSAGE:

PT-223-58A-RD is designed for wet end application. It should be fed to the stock before the headbox through its own chemical addition line. PT-223-58A-RD may be diluted in-line with clean, quality water to as low as 2% concentration.

The dosage of PT-223-58A-RD will vary depending on the desired result and the grade of paper or paperboard being treated. To achieve increases in strength in the 10% - 40% range, dosages of 10 - 40 pounds per ton are typical.

Typical Properties

App:Colorless, semi-viscous lq.
Specific Gravity.....1.04 – 1.08
pH.....3.5 - 5.0
Freeze Point.....32° F

STORAGE AND HANDLING:

PT-223-58A-RD should be stored in a closed container at 40–80° F. Short-term exposure to higher or lower temperatures will not normally harm the product. If frozen, PT-223-58A-RD should be warmed to 60–80° F and mixed prior to use. The shelf life of PT-223-58A-RD is at least six months.

