

NEW high-performance silicone antifoam for kraft brownstock washing



AV03988

Key features and benefits –

versus other PulpAid Compounds

- Excellent foam knock-down and persistence
- Low viscosity

versus Mineral-Oil-Based Defoamers

- Lower use levels
- Better washing efficiency and drainage
- Reduced need for bleaching chemicals
- No dioxin precursors

Dow Corning® AF-3258 PulpAid Compound

Featuring our best antifoam for both knockdown and performance!

Dow Corning® AF-3258 PulpAid Compound is a 100% active silicone antifoam developed for use in high-performance applications. It is our most versatile high-performance silicone antifoam compound designed for aggressive foaming environments encountered in chemical pulping, such as kraft and sulfite pulp washing.

As a formulator of custom materials, you no longer need to decide which antifoam to choose because AF-3258 PulpAid Compound combines the best features of ALL our current products.

- Lowest viscosity for easiest handling (Table 1).
- Best knockdown performance – equivalent to *PulpAid®* 3990 Compound (Figure 1, page 2).
- Longest persistence – equivalent to or better than *PulpAid®* 3056 Compound (Figure 2, page 2).
- Suitable for both softwood and hardwood applications.

You receive all these great benefits, plus the advantages PulpAid technology offers over mineral-oil based antifoams, such as lower use levels, better washing efficiency, improved drainage and reduced bleaching chemical cost.

Request a sample of *Dow Corning* AF-3258 PulpAid Compound today and experience the advantages for yourself!

Table 1 – Viscosity.

Product Name	Viscosity
<i>PulpAid®</i> 3056 Compound	45000 cPs
<i>PulpAid®</i> 3990 Compound	35000 cPs
<i>Dow Corning®</i> AF-3258 PulpAid Compound	30000 cPs

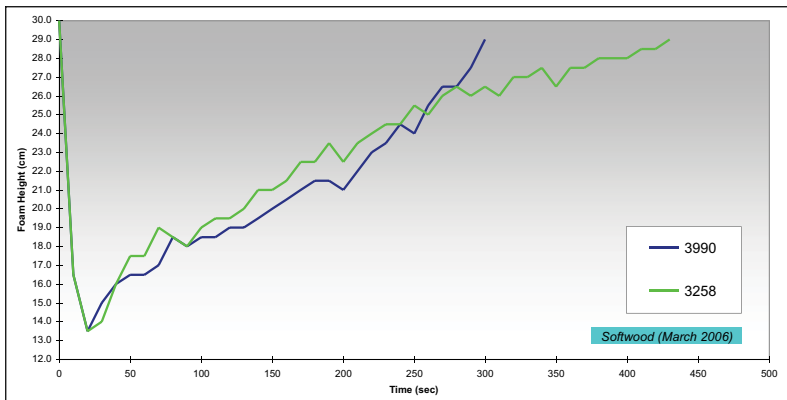


Figure 1 – Knockdown: This graph shows a comparative evaluation between *Dow Corning* AF-3258 PulpAid Compound and *PulpAid* 3990 Compound in softwood black liquor with 200 µL of 21% active emulsion (70 ppm). *PulpAid* 3990 is *Dow Corning*'s recommended product for knockdown performance. Note how the 3258 product matched the knockdown performance of 3990 Compound while outperforming it on persistence.

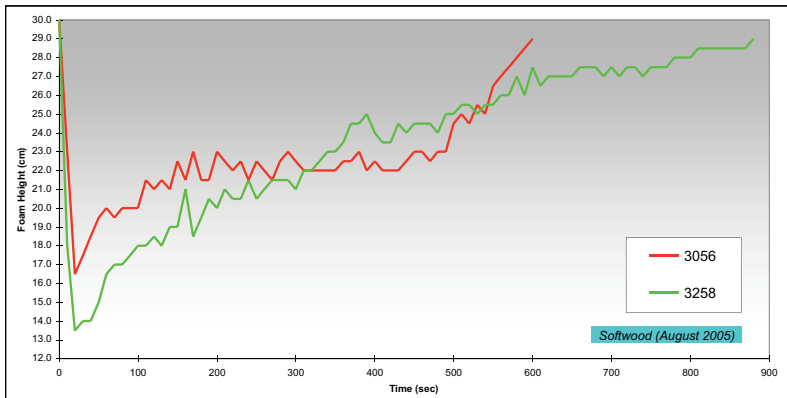


Figure 2 – Persistence: This graph shows a comparative evaluation between *Dow Corning* AF-3258 PulpAid Compound and *PulpAid* 3056 Compound in softwood black liquor with 150 µL of 21% active emulsion (50 ppm). *PulpAid* 3056 is *Dow Corning*'s recommended product to achieve longest persistence. Note the superior persistence (and knockdown) provided by the 3258 product.

Learn more

To request a sample or to learn more about *Dow Corning* AF-3258 PulpAid Compound, visit www.dowcorning.com/pulp (or our China website, www.dowcorning.com.cn/pulp). In addition to antifoam compounds, *Dow Corning* carries other proven pulp and paper solutions, including lines of *Dow Corning*[®] brand emulsions, concentrates and performance modifiers as well as supportive services tailored to the specific business needs of the global pulp and paper industry.

Web www.dowcorning.com/pulp

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