



REAX[®] 88A dispersant

PRODUCT DATA BULLETIN

Description and Typical Applications

REAX 88A is the sodium salt of a chemically modified low molecular weight kraft lignin polymer solubilized by five sulfonate groups. It is recommended as a primary dispersant for water-based and dry formulations of organo metallic and alkali-sensitive active ingredients. REAX 88A is particularly effective as a dispersant when coformulated with naphthalene sulfonate-based dispersants.

Typical Properties

Physical form	Free-flowing brown powder
Bulk density, lb/ft ³ - (kg/l)	
Loose	28 (0.450)
Packed	35 (0.562)
Cation	Sodium
Degree of sulfonation, moles - SO ₃ Na/1,000 unit wt. of lignin	2.9
Moisture, %	5
Na ₂ SO ₃ , %	
pH, 15% w/v, aqueous, 25°C	4.2
Reducing sugars, %	0
Sintering point, °C	265
Solubility in water	Complete
Stability	Stable under ordinary conditions
Surface tension (1% aqueous), mN/m	52.2
Total sulfur, %	10.4
Weight average molecular weight	3,100

Composition and Regulatory Status

REAX 88A is exempt from the requirement of a tolerance as defined in 40 CFR, 180.1001 Paragraphs C and E and is designated as "Lignosulfonate, sodium salt." REAX 88A is listed in the TSCA inventory as "Lignosulfonic acid, sodium salt, sulfomethylated." CAS No. 68512-34-5

Shipping

Shipping Classification	Lignin pitch
Availability	55-lb. (25-kg.) net multiwall paper bags
Shipping Point	Charleston, South Carolina, USA

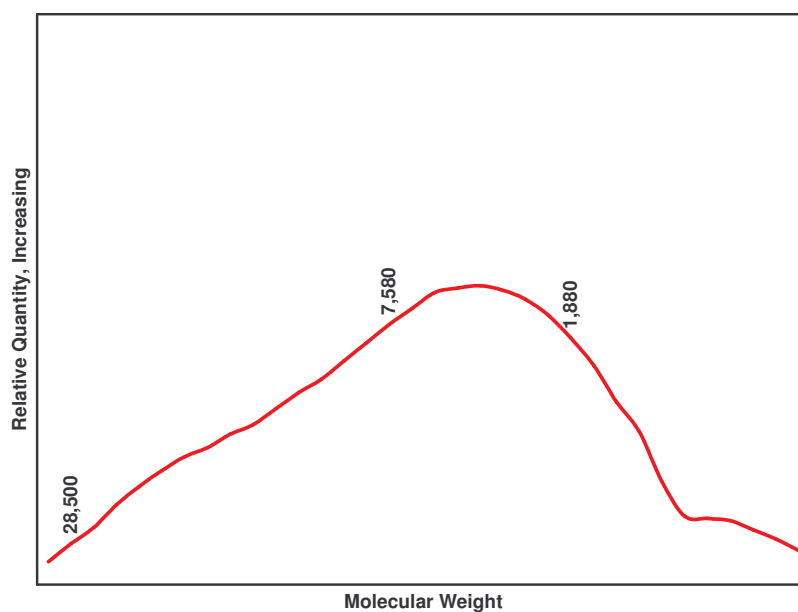
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Safety: Always refer to the Material Safety Data Sheet for detailed information on shipping, handling, storage, and use.

Important: The information provided herein is believed to be accurate and reliable, but is presented without guarantee on the part of MeadWestvaco Corporation. Further, nothing contained herein shall be taken as an inducement to violate any patent rights.

Molecular Weight Distribution --Gel Filtration, 0.1% NaOH Solution



REAX 88A
CAS Registry No. 68512-34-5
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