

Reax[®] 88B

Dispersant and complexing agent

Reax 88B
CAS Registry No.: 68512-34-5

Revised: 07/09/2019

Description and typical applications

Reax 88B is the sodium salt of a low molecular weight, highly sulfonated kraft lignin polymer. It is used in specialized applications where specific properties such as high metal complexing capacity, acid solubility, or superior viscosity reduction are required. It is recommended for use with organometallic active ingredients and as a primary dispersant in water dispersible granules made by extrusion, spray drying, and fluid-bed agglomeration or in ultra small particle suspension concentrates. Reax 88B is particularly effective as a dispersant when coformulated with naphthalene sulfonate-based dispersants.

Typical properties

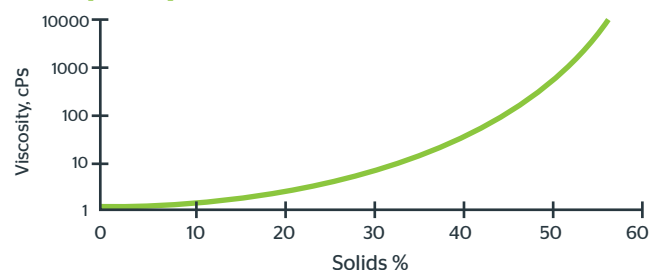
Physical form	Free-flowing brown powder
Bulk density, lb/ft ³ (kg/L)	Loose 28 (0.450) Packed 35 (0.560)
Cation	Sodium
Degree of sulfonation*	2.9
Moisture, %	7.0
Na ₂ SO ₃ , %	2.5
pH, (15% aqueous, 25°C)	11.0
Reducing sugars, %	0
Solubility in water	Complete
Surface tension, (1% aqueous), mN/m	48.9
Total sulfur, %	10.5
Weight average molecular weight	3,100

* Moles of sulfonic acid groups per 1,000 unit weight of lignin

Shipping

Freight classification	Lignin pitch
Availability	55 lb (25 kg) net bags
Production site	Charleston, SC, USA

Viscosity of aqueous solutions at 25°C



Regulatory status

Reax 88B is exempt under 40 CFR 180.910 and 180.930.

Safety: Always refer to the 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 Ingevity. Furthermore, nothing contained herein shall be taken as an inducement to violate any patent rights.

