

SULF-N[®] Ammonium Sulfate Soluble Grade, Mid-Grade, Granular Grade Treated

Specification Number: 630-01300, 630-01100, 630-01205

Customer Product Specification

FORMULA: (NH₄)₂SO₄

MOLECULAR WEIGHT: 132.14

Ammonia Nitrogen (as N), %	21 min	QAAMSU-0001
Sulfur (as S), %	24 min.	QAAMSU-0002
Free Acidity (as H₂SO₄), %	0.1 max	QAAMSU-0003
Moisture + Anticaking Agent, %	1.0 max.	QAAMSU-0006
SGN	140 - 200 min.	QAAMSU-0007

SOLUBLE GRADE			MID-GRADE			GRANULAR GRADE		
% Cumulative On: Tyler No.	Average	Range (±2 Std Dev)	% Cumulative On: Tyler No.	Average	Range (±2 Std Dev)	% Cumulative On: Tyler No.	Average	Range (±2 Std Dev)
6	0	0 - 0	6	0	0 - 1	6	11	0 - 25
12	1	0 - 5	8	1	0 - 3	8	47	15 - 75
14	14	5 - 25	9	5	0 - 12	9	74	50 - 95
16	40	20 - 60	10	28	10 - 50	10	90	75 - 100
24	73	50 - 90	12	74	60 - 90	12	97	90 - 100
35	92	85 - 100	14	94	85 - 100	14	99	95 - 100
-35	8	0 - 15	16	98	95 - 100			
Average SGN	91	70 - 110		156	140 - 165		235	200 - 280
Average UI	27	23 - 31		60	50 - 65		48	35 - 55
Average Bulk Density, lb/cuft.	64	62 - 66		65	63 - 67		65	63 - 67

Note: Typical range represents ±2 standard deviations. PSD is a product release specification.

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Particle size distribution (PSD) is based on the analysis at the time of product loading at Honeywell's Hopewell, Virginia facility. Specification values shown above are those at time of shipment as determined by the test methods indicated. The information contained herein is believed reliable, but no warranty is given. Product quality may be affected by subsequent product handling processes. Honeywell does not provide any representation or warranties of any kind, expressed or implied by operation of Law or otherwise, including but not limited to any warranty as to merchantability or fitness for any particular purpose or any matter with respect to the products, subsequent product handling processes or any other matter with respect to the products, whether used alone or in combination with any other material.

April 2006
Printed in USA

Honeywell Specialty Materials

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