



Kowa American Corporation

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SPECIFICATIONS

tert-BUTYL ACRYLAMIDE (tBAA)

<u>PROPERTY</u>	<u>SPECIFICATION</u>	<u>TYPICAL VALUE</u>
ASSAY (BY GC)	97.0 % MIN.	98.5 %
COLOR (APHA) IN 11% MeOH SOLN	50 MAX.	10
WATER CONTENT (BY KF)	1 % MAX	.04 %
MELTING POINT	127° C MIN.	129.4° C
SULFATE	0.2% MAX.	.07%
APPEARANCE	WHITE CRYSTALLINE SOLID	

TYPICAL PROPERTIES

CAS # / MOLECULAR WT.	107-58-4 / 127.19
Tg OF HOMOPOLYMER	128 °C
SPECIFIC GRAVITY	1.015 (20°C / 4°C)
LD 50 ORAL RATS	.9 g/Kg
SOLUBILITY IN:	
WATER	. 0.7 gr/ 100 ml
METHANOL	64.5 gr/ 100 ml
ETHANOL	41.0 gr/ 100 ml
DIOXANE	7.5 gr/ 100 ml
CHLOROFORM	3.6 gr/ 100 ml

FORMULA $\text{CH}_2=\text{CH}-\text{CO}-\text{C}-\text{NH}-\text{C}-(\text{CH}_3)_3$

PACKED IN 20 KG BAGS