



MASTERCHEM LIMITED

TECHNICAL SPECIFICATION

PRODUCT	: AMMONIUM NITRATE
FORMULA	: NH ₄ NO ₃
MOLECULAR WEIGHT	: 80.04
CAS #	: 6484-52-2
STANDARD	: GB2945-89

Standard	Super grade	First grade	Up to grade
Appearance	White granular	White granular	White granular
Purity \geq %	99.5		
Free water \leq %	0.6	1	1.2
PH value of 10% ammonium nitrate water \geq	5.0	4.0	
Infusibility within 10% Nitric acid liquid \leq %	0.2		
Average Extensibility N/prill \geq	5		
Size %	1.0-2.8mm \geq 85		

PACKING

40kg/p.p woven bags

USES

Mainly used for explosives, fireworks and cooler. Also for nitrogen fertilizer.