

INDUSTRIAL PRODUCTS

Source: Geismar, LA

Alternate Names: GQ54, MGA

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CHEMICAL ANALYSIS	TYPICAL PERCENT	GUARANTEED PERCENT
Total Phosphoric Acid, as P ₂ O ₅ , Wt. %	60	54.0 - 62.0
Orthophosphoric Acid, as P ₂ O ₅ , Wt. %	60	54.0 - 62.0
Orthophosphoric Acid, as H ₃ PO ₄ , Wt. %	82.8	74.6 - 85.6
Solids, Volume, as %	0.5	1.5 maximum
Magnesium, as MgO, Wt. %	0.26	
Iron, as Fe ₂ O ₃ , Wt. %	0.34	
Aluminum, as Al ₂ O ₃ , Wt. %	0.32	
Calcium, as CaO, Wt. %	0.04	
Fluoride, as F, Wt. %	0.30	
Sulfur, as S, Wt. %	0.85	
Cadmium, as Cd, ppm	27	
Methanol Insoluble Solids, Wt. %	0.2	

PHYSICAL DATA	TYPICAL	GUARANTEE
Specific Gravity @ 60/60°F	1.725	
Appearance	Hazy/Green	
Density (57% P ₂ O ₅)	gms/ml	lbs/gal
@ 60°F	1.727	14.40
@ 75°F	1.720	14.34
@ 100°F	1.709	14.25
@ 150°F	1.686	14.06
Absolute Viscosity Cps (57% P ₂ O ₅)		
@ 60°F	92	
@ 75°F	67	
@ 100°F	40	
@ 150°F	17	