

PRODUCT INFORMATION

PRODUCT NAME VAS-BLUE

DESCRIPTION VAS-BLUE is a high quality Urea solution manufactured with pure demineralised water .(Urea solution 32.5%)

PRODUCT USE

VAS-BLUE is intended to be used as a reagent in the Selective Catalic Reduction (SCR) technology for the reduction of NOx by injecting it into the exhaust gas after treatment system attached to the diesel vehicle engine.

SPECIFICATIONS

VAS-BLUE meet the requirements of the following specifications: ISO 22241-1:2006-10-15

(TYPICAL PROPERTIES) CHARACTERISTICS

Test Item	Unit	Limits	Test method
Urea content	% (m/m)	31.8 – 33.2	ISO 22241-2 Ann. C
Density at 20°C	g/cm ³	1.0870 – 1.0930	DIN EN ISO 12185
Refractive index at 20°C	–	1.3814 – 1.3843	ISO 22241-2 Ann. C
Alkalinity as NH ₃	% w/w	0.2 max.	ISO 22241-2 Ann. D
Biuret	% w/w	0.3 max.	ISO 22241-2 Ann. E
Aldehydes	mg/kg	5 max.	ISO 22241-2 Ann. F
Insolubles	mg/kg	20 max.	ISO 22241-2 Ann. G
Phosphate	mg/kg	0.5 max.	ISO 22241-2 Ann. H
Calcium	mg/kg	0.5 max.	
Iron	mg/kg	0.5 max.	
Copper	mg/kg	0.2 max.	
Zinc	mg/kg	0.2 max.	
Chromium	mg/kg	0.2 max.	
Nickel	mg/kg	0.2 max.	ISO 22241-2 Ann. I
Aluminium	mg/kg	0.5 max.	
Magnesium	mg/kg	0.5 max.	
Sodium	mg/kg	0.5 max.	
Potassium	mg/kg	0.5 max.	
Identity	–	Identical to reference	ISO 22241-2 Ann. J