

PRODUCT SPECIFICATION SHEET

TRITON™ X-100

Surfactant

Test	Specification	Typical Result
Actives, wt%	100	100
Cloud point: °C, 1 wt% actives aqueous solution	66	66
HLB Range: <10 w/o emulsifier, > 10 o/w emulsifier, 10-15 good wetting, 12-15 detergents	13.4	13.4
Moles EO	9.5	9.5
pH, 5% aq solution	6	6
Pour point: °C	1	1
Appearance at 25°C	Pale yellow liquid	Pale yellow liquid
Viscosity at 25°C (77°F), cP	240	240
Density at 25°C (77°F), g/mL	1.061	1.061
Flash Pt, Closed Cup, ASTM D93	251°C 485°F	251°C 485°F
Critical Micelle Concentration: ppm at 25°C	189	189
Surface tension: dynes/cm at 1% actives, 25°C	33	33
Ross-Miles foam height: mm at 0.1 wt% actives, 25°C, initial / 5 minute	128/107	128/107
Draves 25 sec wetting conc, wt% at 25°C (77°F)	0.06	0.06

Appropriate/legal use of this product is the responsibility of the user