

Technical Data Sheet

Butyl Diglycol Acetate (BDGA)

<u>Parameter</u>	<u>Condition</u>	<u>Unit</u>	<u>Value</u>
Density	20°C	kg/l	0.9763
Boiling Point		°C	241.5
Azeotrope with water			
Wt. % Solvent	760 mmHg	Wt. %	8.0
Boiling Point of azeotrope		°C	99.8
Flash Point	ACC	°C	116
Auto-Ignition Temperature		°C	299
Flammable Limits			
Upper		% Volume	10.7
Lower		% Volume	0.76
Viscosity	20°C	cP	3.44
Refractive Index	nD20		1.4261
Vapor Pressure	20°C	mbar	< 0.01
Relative Evaporation Rate	20°C	(n-butyl Acetate=1)	0.002
Volume Resistivity	25°C	Ωm	1.2 x 10 ⁶
Hansen Solubility parameters			
δd		MPa ^{1/2} ({cal cm ⁻³) ^{1/2}	16.0 (7.8)
δp		MPa ^{1/2} ({cal cm ⁻³) ^{1/2}	4.1 (2.0)
δh		MPa ^{1/2} ({cal cm ⁻³) ^{1/2}	8.2 (4.0)
NHE solubility parameters			
Solubility Parameter			9.3
Fractional Polarity			0.06
Hydrogen Bonding Index			8.2

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