

THE DOZN™ SCALE

Based on the 12 Principles of Green Chemistry*, DOZN helps researchers, scientists, and manufacturers increase performance and efficiency while reducing human and environmental impact.

*Paul T. Anastas and John C. Warner, 1991.



BrettPhos (718742)

	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	<div style="width: 85%;"></div> 85%	Increased yield. Used less raw materials
	Waste Prevention	<div style="width: 85%;"></div> 85%	Decreased solvent usage by 84%
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	<div style="width: 83%;"></div> 83%	Reduced quantity of chemical usage
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy Efficiency Design	<div style="width: 84%;"></div> 84%	Reduced chemical processing
	Less Hazardous Chemical Synthesis	<div style="width: 83%;"></div> 83%	Reduced use of toxic hazards
	Safer Chemical Design	N/A	
	Safer Solvents and Auxiliaries	<div style="width: 60%;"></div> 60%	Reduced usage of organic solvents
	Design for Degradation	N/A	
	Inherently Safer Chemical for Accident Prevention	<div style="width: 82%;"></div> 82%	Reduced use of toxic chemicals

TOTAL PERCENT IMPROVEMENT

88%

AGGREGATE SCORE

0= Most Desirable



Previous Score ←

Re-engineered Score ←

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