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## IBC / Surge Hopper - Quotation Form

Ingredient		Particle size	
Chemical Name		Maximum Lump size	
Bulk Density (min)		Bulk Density (max)	
Specific Gravity		Angle of Repose	
Moisture Content %		<input type="checkbox"/> Dry <input type="checkbox"/> Damp <input type="checkbox"/> Wet	

<input type="checkbox"/> Abrasive	<input type="checkbox"/> Dusty	<input type="checkbox"/> Free Flowing	<input type="checkbox"/> Packs Under Pressure
<input type="checkbox"/> Adhesive	<input type="checkbox"/> Explosive	<input type="checkbox"/> Friable	<input type="checkbox"/> Rat Holes
<input type="checkbox"/> Bridges	<input type="checkbox"/> Floodable	<input type="checkbox"/> Hygroscopic	<input type="checkbox"/> Toxic
<input type="checkbox"/> Corrosive	<input type="checkbox"/> Fragile	<input type="checkbox"/> Interlocks & Mats	<input type="checkbox"/> Similar to _____

Type of Flow Inducement known to be suitable for discharging material:			
<input type="checkbox"/> Air	<input type="checkbox"/> Vibration	<input type="checkbox"/> Mechanical	<input type="checkbox"/> None Required

<b>Process Flow:</b>	
Hopper is filled by:	
Hopper will empty into:	
<input type="checkbox"/> Hopper is filled manually from _____ lb _____ (drum, tote, bag, bulk bag)	
<input type="checkbox"/> Hopper is filled automatically from _____ (conveyor type) at a rate of _____	
<input type="checkbox"/> Hopper Capacity and Design: Volume: _____ Wall Angle: _____° Level Control: _____ (yes / no)	<input type="checkbox"/> Batch Shape: _____ (cone / pyramid) Discharge Opening: _____ dia. Flow Aids: _____ (yes / no) Weighing Required: _____ (yes / no) Weighing Accuracy: _____ %

<b>Construction Requirements:</b>		
Construction Type: <input type="checkbox"/> Sanitary <input type="checkbox"/> Non-Sanitary		
Materials of Construction:	Frame: _____ (MS, 304SS, 316SS)	Contact Parts: _____
Finish:	Frame: _____ (enamel, epoxy, 2B, etc)	Contact Parts: _____
Paint Tint (RAL): _____		

<b>Installation Notes:</b>	
Ambient Temperature Range: _____ to _____	Location is: _____ (indoors / outdoors)
Feeder will be subjected to the following conditions:	
<input type="checkbox"/> Blow back in the form of _____ (corrosive fumes, dust, moisture, pressure differentials) <input type="checkbox"/> Inert Gas Purge; Design Pressure Rating: _____ Operating Pressure Rating: _____	<input type="checkbox"/> Wind or air currents <input type="checkbox"/> Frequent _____ cleaning (dry / wet) <input type="checkbox"/> Dust laden atmosphere <input type="checkbox"/> Rain <input type="checkbox"/> Water Spray

