

KORDSA MATERIALS MANAGEMENT				
Materials	Plants	2017	2018	2019
TCF Chemical Ratio	Dipping NY - Turkey	1.00	1.16	0.98
	Dipping PE - Turkey	1.00	1.11	1.02
	Dipping - USA - Laurel Hill	1.00	1.03	1.04
	Dipping - Brazil	1.00	1.04	1.01
	Dipping TCF1 - Indonesia	1.00	1.01	0.99
	Dipping TCF2 - Indonesia	1.00	0.96	0.94
	Dipping - Thailand	1.00	0.98	1.04
Materials	Plants	2017	2018	2019
NY Salt / Flake Ratio	NY Yarn Line 1 - Turkey	1.00	1.03	0.99
	NY Yarn Line 2 - Turkey	1.00	0.99	1.00
	PE Yarn - Turkey	1.00	1.01	1.02
	NY Yarn - USA - Chattanooga	1.00	1.00	0.98
	Yarn - Brazil	1.00	1.77	1.79
	NY Yarn - Indonesia	1.00	1.01	1.01
	PE Yarn - Indonesia	1.00	0.95	1.00
Materials	Plants	2017	2018	2019
SEC Chemical Ratio	SEC - Turkey	1.00	1.21	1.42
	SEC - Brazil	1.00	1.00	0.98

REUSED MATERIALS			
Steel Shells	Reuse Rate	Tubes	Reuse Rate
Brazil	86%	Brazil	62%
Indonesia	31%	Indonesia	8%
Thailand	86%	USA-Chattanooga	8%
Turkey	35%		
USA-Laurel Hill	55%		
Carton Separators	Reuse Rate	Wooden Pallets	Reuse Rate
USA-Chattanooga	38%	USA-Chattanooga	72%
Indonesia	8%		