

Material Assessment Tool (MAT) Scores Matrix - Summary

Material name	Chemistry Total	Energy/ CO2-eq Total	Water/ Land Use Total	Waste Total	Total Material Score
Maximum possible points	40	24	16	20	100
Acrylic	9.8	12.5	7.5	4.0	33.8
Cotton - Conventional	13.8	16.3	4.0	5.0	39.1
Cotton - Organic	21.9	16.0	3.0	5.0	45.9
Cotton - Recycled	28.1	15.1	16.0	13.0	72.2
Down	21.1	20.0	9.0	4.0	54.1
Hemp	18.2	10.3	6.3	4.0	38.8
Jute	7.8	12.5	4.0	4.0	28.3
Leather - Full Grain	14.9	9.1	9.0	2.5	35.5
Lycell	18.2	14.8	11.5	4.0	48.5
Nylon 6 - Virgin	6.1	13.2	7.5	2.5	29.3
Nylon 6,6 - Virgin	5.7	13.2	6.0	2.5	27.4
Polyester - Recycled, Piece Dyed	20.1	18.3	9.0	12.3	59.7
Polyester - Recycled, Solution Dyed	16.2	17.5	12.0	12.3	58.0
Polyester - Virgin, Piece Dyed	9.5	16.3	9.0	5.0	39.8
Polyester - Virgin, Solution Dyed	12.7	18.8	12.0	5.0	48.5
Polylactic Acid (PLA) - Virgin	12.2	17.5	13.0	4.0	46.7
Polypropylene - Virgin	18.0	20.0	12.0	4.0	54.0
Ramie	7.5	15.0	10.0	4.0	36.5
Rayon - Bamboo	11.2	12.5	11.0	4.0	38.7
Rayon - Beech Wood Cellulose Polynosid	15.2	16.3	11.5	4.0	47.0
Rayon / Viscose - Wood Cellulose	9.5	11.3	11.5	4.0	36.3
Silk	34.5	13.2	9.0	7.0	63.7
Spandex (PU)	6.1	12.5	7.5	2.5	28.6
Synthetic Leather	7.5	17.5	10.5	2.5	38.0
Wool	10.5	10.3	6.8	5.0	32.6

Last Revision: 12/08/10