Online Appendix

A.1

Table A8-1: Materials, trade flows and estimated carbon intensities.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Product (CN classification)** | **Trade** | **Mt product** | **Mio EUR value** | **EUR value/t product** | **Estimated carbon intensities (tCO2/t product)** |
| Cement (2523) | Export | 14.56 | 750.31 | 51.52 | 0.7 |
| Import | 3.34 | 227.74 | 68.21 | 0.7 |
| Semi-finished steel (7207) | Export | 1.40 | 723.89 | 515.65 | 1.5 |
| Import | 9.30 | 4,369.63 | 469.74 | 1.5 |
| Flat steel products (7208-7212) | Export | 8.19 | 6,151.58 | 751.19 | 2 |
| Import | 19.48 | 12,071.69 | 619.63 | 2 |
| Long steel products (7213-7217) | Export | 6.89 | 4,681.10 | 679.34 | 1 |
| Import | 7.13 | 4,187.86 | 587.05 | 1 |
| Inorganic Chemicals (28) | Export | 15.10 | 11,408.63 | 755.39 | 0.4 |
| Import | 16.72 | 13,034.48 | 779.77 | 0.4 |
| Organic Chemicals (29) | Export | 11.71 | 55,365.08 | 4,728.54 | 0.4 |
| Import | 25.44 | 57,065.36 | 2,242.77 | 0.4 |
| Fertilizers (31) | Export | 12.88 | 3,771.71 | 292.84 | 0.4 |
| Import | 17.98 | 4,365.34 | 242.74 | 0.4 |
| Plastics (39) | Export | 20.83 | 57,320.41 | 2,751.16 | 0.4 |
| Import | 17.63 | 44,062.00 | 2,499.66 | 0.4 |
| Aluminium (7601) | Export | 0.31 | 703.30 | 2,247.27 | 6.8 |
| Import | 6.36 | 12,648.83 | 1,987.77 | 1.36 |