

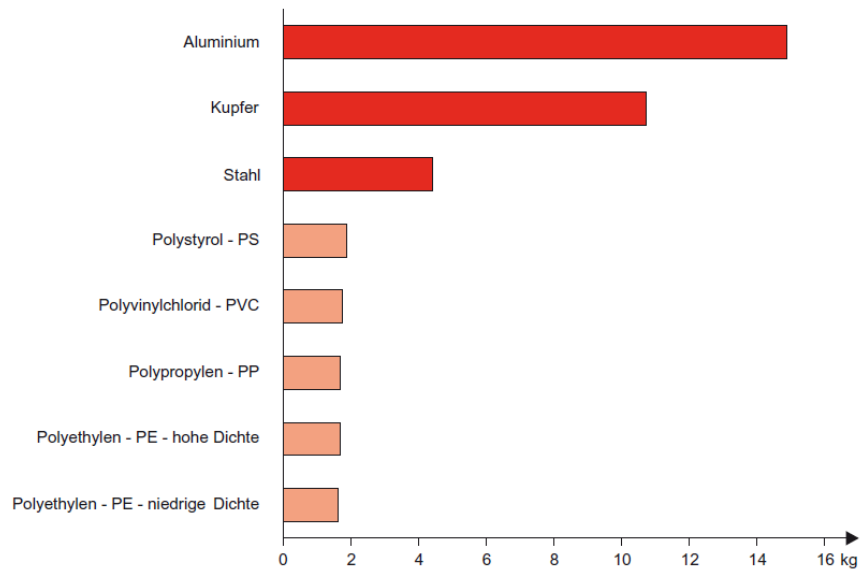


Figure 1: Energy demand measured in kg petroleum consumption / L material volume for the production of materials [Source: Wolfgang Kaiser, Kunststoffchemie für Ingenieure, 4th Newly Edited and Expanded Edition, 2016 Hanser Verlag]