



Plotting mid-points against grade efficiency for each grade gives a separation size of 160 microns.

The sharpness of separation is:

$$\frac{x_{25\%}}{x_{75\%}} = 120/270 = 0.444$$

The nearer the sharpness to 1 the steeper the curve is; i.e. the better the degree of separation between the fine and coarse cuts are.