

DFF

Environmental fact sheet



The Hycast® DFF system is an inline Drain Free Filter system for mechanical filtration of liquid Aluminium. The Hycast DFF allows for high removal efficiency of inclusions compared to standard CFF systems by enabling the use of higher density filter plates, up to 80 ppi may be used. Reduced operating and remelt costs are possible due to complete draining of the filter box after operation. The unit utilizes standard dimensions of ceramic foam filter plates and can be supplied with single or double filter chamber.

Hycast® DFF– Environmental data

- No drain metal after cast
- Carbon footprint, cradle-to-gate: 29 tCO₂e (double 23")
- No direct climate emissions during operation
- Electrical power consumption: 1.0 kWh/mt cast product (typical)
- Expected lifetime of main equipment: >20 years