



PYROTEK DEGASSING BAFFLES

IN-LINE DEGASSING

Pyrotek baffles are primarily used in in-line degassing systems. The baffles are available in several castable material options that are resistant to erosion and mechanical damage from molten aluminium. The baffles can also be CNC machined for quick delivery and replacement.

BENEFITS

- Non-wetting
- Lightweight
- Excellent mechanical properties
- Dimensionally stable
- Thermal shock resistant
- Easy clean up
- Excellent durability
- Smooth cast surface
- Heat treated prior to shipment for water removal
- Product repair/replacement plans available

APPLICATIONS

- In-line degassing systems

NOTE: Contact a Pyrotek representative for other baffle options and custom designs to meet specific project requirements.



AVAILABILITY

- Pyrotek degassing baffles are available in the following materials:
 - Ceramite
 - Pyrocast FS73 AL
 - Pyrocast AR
 - Pyrocast FS76 AL
 - Pyrocast SC43FS AL
- Pyrotek CNC machined degassing baffles are available in the following materials:
 - N-14
 - N-17
 - B-3
- Vendor-managed inventory (VMI) available

PHYSICAL PROPERTIES

Material	Approximate Percentage of Weight			
	Pyrocast AR	Pyrocast FS73 AL	Pyrocast FS76 AL	Pyrocast SC43FS AL
SiC	–	–	–	49.70%
SiO ₂	76%	73.40%	76.30%	34.90%
Al ₂ O ₃	16%	22.70%	20.30%	10.80%
CaO	4%	3.70%	2.40%	2.40%
Fe ₂ O ₃	–	–	–	0.30%
Other	4%	–	–	–

