



PYROTEK DEGASSING LAUNDERS

IN-LINE DEGASSING

Pyrotek degassing launders are primarily used in in-line degassing systems. The launders are available in several castable material options that are resistant to erosion and mechanical damage from molten aluminium. The troughs are generally wider and deeper than standard casting troughs, and allow shafts and rotors to be submerged in molten aluminium.

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 launder options and custom designs to meet specific project requirements.



AVAILABILITY

- Pyrotek degassing launders are available in the following materials:
 - Ceramite
 - Pyrocast FS44 AL
 - Pyrocast FS73 AL
 - Pyrocast AR
 - Pyrocast FS76 AL
 - Pyrocast SC43FS AL
- 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%	–	–	–

