

TECHNICAL DATA SHEET

Gme-434 Stainless Steel Wool

Product : Gme-434 Stainless Steel Wool
Document Code : AG-F-159
Prepared at : 12/09/2018
Revised at : 11/06/2020
Revision No : 01
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Product name Stainless Steel Wool Gme-434

Description : Stainless steel wool, oil-free, produced with AISI 434 wire
Appearance color : Grey metallic wool
Applications : Land, air, marine vehicles muffler, exhaust sound and heat insulation

Product Characteristics

High temperature blow out protection for exhaust silencer.

Technical Characteristics

Max. application temperature : 850 °C
Oxidation rate : $\leq 3,0$ % (100h, 850 °C)
Fiber length : in the line endless ap. 10% < 0,2m
Geometry of the fibers : irregularly
Specific density : 7,7 g/cm³
Chemical resistance : resistant to corrosion and resistant to acid

Fiber Distribution

Fiber strength	< 0,01 mm	0,01 – 0,06 mm	0,06 – 0,1 mm	0,10 – 0,15 mm	> 0,15 mm
Fiber distribution	4,0 %	1,0 %	65,0 %	14,0 %	6,0 %

Chemical Composition

%	C	Si	Mn	P	S	Cr	Mo	Ni
	$\leq 0,08$	$\leq 1,0$	$\leq 1,0$	$\leq 0,04$	$\leq 0,03$	16,0 – 18,0	0,9 – 1,4	-

Acetone Extract %

0

