



MARCO STEEL GRIT

Chemical Composition	Carbon	0.70-1.20%	Phosphorus	<0.05%
	Silicon	0.15-1.20%	Copper	0.040%
	Manganese	0.20-1.20%	Nickel	0.030%
	Sulfur	<0.05%	Chromium	0.60-1.60%
	Molybdenum	0.012%	Iron	balance

Sizing

SAE Size	Steel Grit Screen Analysis										
	Opening		Percent (%) by Weight								
	mm	inches	G10	G12	G14	G16	G18	G25	G40	G50	G80
7	2.80	0.1110	All Pass								
8	2.36	0.0937		All Pass							
10	2.00	0.0787	80% Min		All Pass						
12	1.70	0.0661	90% Min	80% Min		All Pass					
14	1.40	0.0555		90% Min	80% Min		All Pass				
16	1.18	0.0469			90% Min	80% Min		All Pass			
18	1.00	0.0394				90% Min	80% Min		All Pass		
25	0.710	0.0278					90% Min	80% Min		All Pass	
40	0.425	0.0165						90% Min	80% Min		All Pass
50	0.300	0.0117							90% Min	80% Min	
80	0.180	0.0070								90% Min	80% Min
120	0.125	0.0049									90% Min

Blasting Conditions **Recommended Nozzle Pressure:** 90 – 110 psi
Recommended Working Distance from Surface: 18 – 20 inches

Physical Characteristics **Shape:** Angular **Specific Gravity:** 1.75 g/cc
Hardness (LG Grit): 58-66 HRC **Total Chlorides:** No Chlorides
Bulk Density: 230-275 lbs./cu. ft.

Other Characteristics **Reactivity:** Inert **Reactivity:** Not Reactive
Solubility in Water: Not Soluble **Melting Point:** 1371-1482° C
Odor: Odorless **Appearance:** Grey Solid

Testing Method ASTM E1024, ASTM E1019, ICP



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▲ WARNING Breathing dust containing silica could cause silicosis, a fatal lung disease. Breathing dust during abrasive blasting operations, post-blast cleaning operations, and/or servicing equipment within the abrasive blasting area may expose an individual to conditions that could cause asbestosis, lead poisoning and/or other serious or fatal diseases. Harmful dust containing toxic material from abrasives or surfaces being abrasive blasted can remain suspended in the air for long periods of time after abrasive blasting has ceased. A NIOSH-approved, well-maintained, respirator designed for the specific operation being performed must be used by anyone abrasive blasting, handling or using the abrasive, and anyone in the area of the dust. Failure to comply with the above warning could result in death or serious injury.

▲ WARNING You must comply with all OSHA, local, City, State, Province, Country and jurisdiction regulations, ordinances and standards, related to your particular work area and environment. Keep unprotected individuals out of the work area. Failure to comply with the above warning could result in death or serious injury.

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This document not intended to replace material Safety Data Sheet 608M645.

ABRASIVES

BLASTING

COATING

DUST COLLECTORS & VACUUMS

ENGINEERED SYSTEMS

RENTAL

SAFETY

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