


SILICON CARBIDE
SILICON CARBIDE ABRASIVES

Silicon Carbide products are tough, hard and long-lasting abrasives.

USES & APPLICATIONS

Blasting ▪ **Surface Preparation** ▪ **Glass Etching** ▪ **Stone Engraving** ▪ **Rock Tumbling**

TYPICAL PROPERTIES

APPEARANCE	Angular
SPECIFIC GRAVITY	3.22
HARDNESS	2,250 kgf/cm ² (Knoop - 100) ▪ MOH 9.1

CHEMICAL ANALYSIS

SiC	98.5%
Si	0.3%
SiO₂	0.5%
Fe	0.08%
Al	0.01%
C	0.3%

STANDARD U.S. MESH SIZES (AVERAGE MICRON SIZES)

#12 MESH (1700)	#54 MESH (300)	#150 MESH (75)	#500 (25)
#16 MESH (1180)	#60 MESH (250)	#180 MESH (63)	#600 (20)
#20 MESH (850)	#70 MESH (212)	#240 MESH (52)	#800 (14)
#24 MESH (710)	#80 MESH (180)	#280 MESH (48)	#1000 (11.5)
#30 MESH (600)	#90 MESH (150)	#320 MESH (40)	#1200 (9.5)
#36 MESH (500)	#100 MESH (125)	#360(35)	#1600 (8)
#46 MESH (355)	#120 MESH (106)	#400 (30)	

PACKAGING

50 lb. Boxes ▪ **40 Bags / Pallet** ▪ **Drums** ▪ **Supersacks**

