

Web: www.harscoglassproducts.com

Data Sheet – Recycled Glass Products

General

Recycled glass taken from trash and ground up glass bottles. Material is run through several magnets to remove metallic material and a dryer to remove organic material.

Product Data

Moisture content: less than 0.5%
Hardness (Mohs): 5-6
Specific Gravity (g/cm³): 2.47 - 2.5 g/cm³
Conductivity (µmho/cm): 80 minus (856)
Crystalline Free Silica: < 0.1% (7/2013)
TCLP: Pass (7/10/13)
Total Metals: Pass (7/12/13)
Gross Gamma: 1 pCi/g (7/2013)
Chlorides 7 mg/kg or ppm (7/2013)
Chemical Composition: SiO₂ (74.72) Na₂O (12.16) CaO (9.65)
Total Organic Carbon (TOC) (8/2013) - minus 80 (12300) ppm
Biochemical Oxygen Demand (BOD) minus 80 (10.5)

Oxide Report:

Na2O	12.38
MgO	0.77
Al2O3	1.95
SiO2	73.58
P2O5	0.01
K2O	0.54
CaO	10.11
TiO2	0.06
Cr2O3	0.05
MnO	0.02
Fe2O3	0.30
ZnO	0.01
SrO	0.03
ZrO2	0.02
C	0.25
S	0.04

Typical Sieve Analysis:

	Coarse	Medium	Fine	XFine
8/8	7.8			
10/12	61.2			
14/16	30.1	25.9		
20/20	.2	39.0		
28/30		26.4		
35/40		8.5	29.3	
48/50			43.6	
65/70			23.2	11.2
100			2.6	29.3
200				39.6
270				10.2
Pan	.2	.2	.7	9.6

