FILE NAME: Owens Corning (OC)

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APPROXIMATE CHEMICAL ANALYSIS OF GENERAL VARIETIES OF ASBESTOS

Type of Asbestos	SiO_2	MgO	H_2O	FeO	Fe_2O_3	Al_2O_3	Na_2O	CaO
Canadian Chrysotile	38.00-42.00	40.00-42.00	12.00-15.00	Tr-6.00	Tr-6.00	Tr-3.00		0-.30
Arizona Chrysotile	39.80-42.69	41.68-43.88	12.00-15.00	.15-.64	0-.73	.46-2.80		0-5
Crocidolite	49.00-53.00	0-3.00	2-4.5	13-20	17-20		4.00-8.50	
Amosite	49-53	1.00-7.00	2-5	34-44		2-9		
Anthophyllite	56.00-58.00	28.00-34.00	1.00-6.00	3-12		0.5-1.5		
Rhodesian	37.00-42.00	39.00-41.00	12.00-15.00	0.6-0.8	3-5	0.5-3		Tr-1.0

The above data represents high and low limits compiled from published data and printed reports.

CHARACTERISTICS OF MAJOR VARIETIES OF ASBESTOS

Characteristics	Chrysotile Canadian	Chrysotile Arizona	Crocidolite Blue	Amosite	Anthophyllite	Chrysotile Rhodesian
Chemical Name	Hydrous Magnesium Silicate	Hydrous Magnesium Silicate	Silicate of Sodium & Iron	Silicate of Iron & Magnesium, High Iron Content	Magnesium Iron Silicate	Hydrous Magnesium Silicate
Color	Light Green to Gray—White when opened	White Bright White when opened	Bright Blue & Dull Blue	Gray to Reddish Brown	Grayish White to Brown Gray or Green	Green Gray
Texture	Very fine, Flexible Silky	Varies from fine & Silky to Harsh & Brittle	Rough, Harsh but Flexible	Harsh, Coarse, Vitreous, somewhat Brittle	Harsh	Harsher, Less Silky and Flexible than Canadian
Length	From 2½-3" down	From 2½-3" down	Less ¾-1" plus	Less 1-4"	Usually Short sometimes Long	From 2½-3" down
Strength	High	Maximum equal to Canadian, more Variable	Highest of all varieties	Good—not as high as Chrysotile	Very Weak	High
Combined H_2O	High 12-15%	High 12-15%	Medium 2-4.5%	Medium 2-5%	Medium 1-6%	High 12-16%
Acid Resistance	Readily attacked by Acids	Readily attacked by Acids	Relatively Acid Resisting	Relatively Acid Resisting	Fairly Resistant to Acids	Readily attacked by Acids



