Marshall Additive
TECHNOLOGIES
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KAYOCELS® Cellulose and Cellulose Compounds

White Kayocels: Made from 100% virgin bleached cellulose (90% alpha-acid and alkali resistant) with a 90%+ brightness. These products contain the purest, most chemically resistant and strongest cellulose (aside from unbleached wood) available. The White Kayocels are available in four fiber lengths ranging from 0.2mm to 3.0mm. Special composition and treatments such as thixatropic, water repellant, or other functioanl coats can be prepared and quoted upon special request.

Kayocel	Cellulose %	Avg. Fiber Length (mm)	Specific Gravity	Density (lbs/gal)
16W100	100	3.0	1.1	9.18
6W100	100	0.5	1.1	9.18
16W90	90	1.3	1.2	9.75
16W50	50	3.0	1.6	13.04
6W50	50	0.5	1.6	13.04

Regular Kayocels: Gray in color, they are used in applications where color is not a factor. They are available in a wide range of densities and fiber lenghts. In general the longer the fiber length or the lower the density or specific gravity, the greater the viscosity development and water or oil absorption. The shorter fiber length and higher density compounds will disperse and wet out more rapidly. Collodial clays and wetting agents in combination with high sheer are used to aid in dispersability and provide additional thickening and thixotrophy. The most common uses or Regular Kayocels are asphalt roof coatings and mastics, asphaltic caulks and mastic adhesives, automotive undercoatings, driveway sealants, and miscellaneous asphalt products.

Kayocel	Avg. Fiber Length (mm)	Specific Gravity	Density (lbs/gal)	General Application
KA690	0.3	1.387	11.6	Brush
KA1690	1.3	1.387	11.6	Trowel
KA650	0.3	1.975	16.5	Brush
KA1650	1.3	1.975	16.5	Trowel

Miscellaneous Kayocels: Used in specific applications. Primary applications are brakes, gaskets, and some specialty adhesives.

Kayocel	Cellulose %	Ash	Principle Application
16D50	50%	Pyrogenic silica	Brake Shoes
6D50	50%	Pyrogenic silica	Brake Shoes

"We Seek to Make Our Customer Succesful"

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