



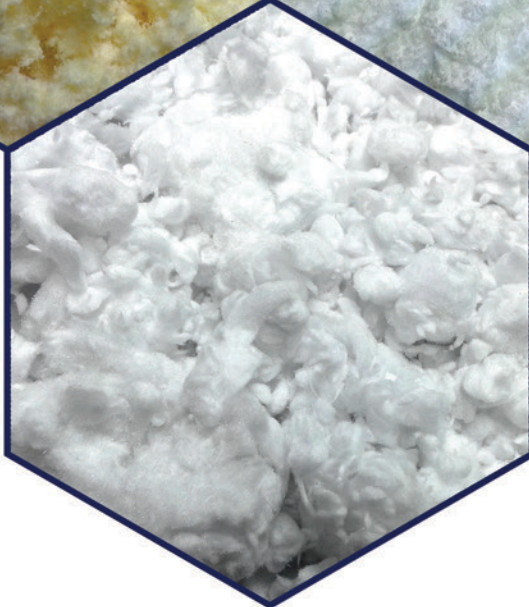
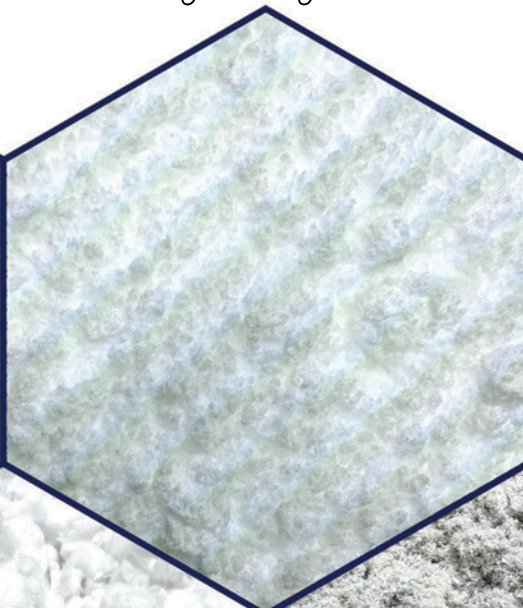
THE R.J.
MARSHALL
COMPANY

**Fiber Blends &
Compounds**
~Since 1980~

Aramid



Polyethylene



Glass



Cellulose

Expanded Blends and Compounds

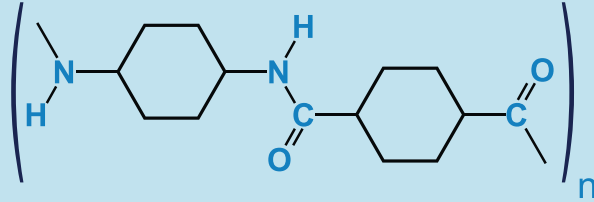
- Lower raw material cost
- High reinforcement strength (*High tensile*)
- Improved viscosity control (*Slump resistance*)
- Rapid dispersibility (*Lower processing costs*)
- Excellent chemical resistance

ARAMID (AR)	DESCRIPTION	APPLICATIONS
AR990	Aramid / Talc	High tensile thermoset, High tensile asphalt & elastomeric roof coatings, mastics, & adhesives
AR59CB	Aramid / Carbonate	Sealants
AR36IA	100% expanded aramid	Fire break compounds
POLYETHYLENE (PE)		
PE210, PE230, PE250 PE270, PE290 PE2000	Polyethylene / Talc	Asphalt & Elastomeric
PE24JA, PE26JA	100% polyethylene pulp	Roof coatings, sealants, mastics, caulks, crack resistant stuccos & plasters
KAYOCEL (KA)		
KA1690, KA650	Secondary cellulose / Calcium carbonate	Asphalt roof coatings, mastics, friction brakes, clutches & gaskets
16W100, 6W100 16W90, 6W50	Primary cellulose	Acoustical / textured paints
SPECIALTY BLENDS		
105MA	Polyethylene / Glass	"Non-balling" tire sealant
APC/54JA	Proprietary	Glass atomized protective coat
FH80, FH200, 9KA	Hardwood fiber	Glass partitioning agents

FIBER FACTS

ARAMID - Poly-para-phenylene terephthalamide

One of the strongest synthetic reinforcing fibers known.



ARAMID STAPLE FIBER - Aramid yarn or chopped yarn. (needle like structure)

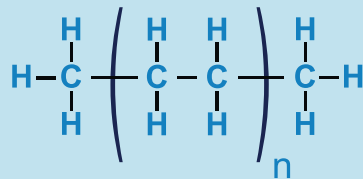
ARAMID PULP - Highly fibrillated Aramid fiber

EXPANDED ARAMID PULP - An Aramid pulp that has been processed to impart greatest surface area thus maximizing physical properties and ease of dispersibility.

FIBER BLENDS - A blend of two or more fibers or fibers and pulps.

FIBER COMPOUNDS - A mixture of a pulp and non-fibrous functional or non-functional (filler) material.

POLYETHYLENE - $(C_2H_4)_n$, a linear hydrocarbon, has a density of 0.91-0.96 g/cc, a melting point of 115-135°C, and is known for high chemical resistance and inertness. The pulp is highly fibrillated and an excellent reinforcing fiber.



PRIMARY CELLULOSE - A bleached and purified natural wood or cotton derived polysaccharide, having a density of 1.5g/cc, and used to manufacture of paper and food products. Cellulose have relatively high water and oil absorption. Cellulose decomposes at 260-270°C.

SECONDARY CELLULOSE PULP - A cellulose from reclaimed news and magazine stock.

To discuss your specific requirements, sample inquiries,
or to place an order, we encourage you to contact us at:

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Telephone: 800-338-7900
Customer Care: 888-514-8600
Fax: 877-717-5577

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For more information, visit our website:

www.Rjmarshall.com



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January 2024