



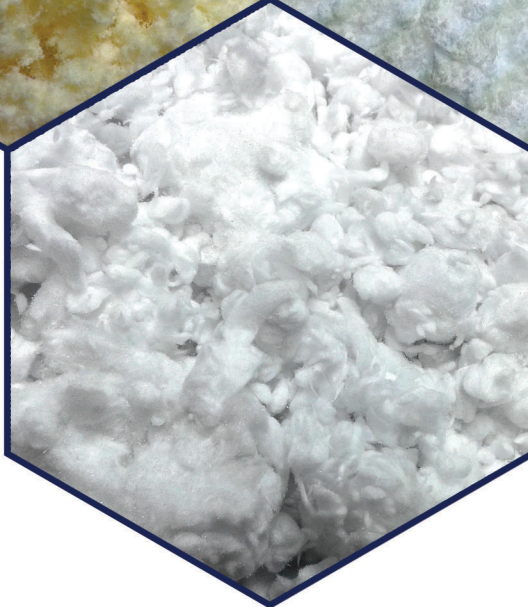
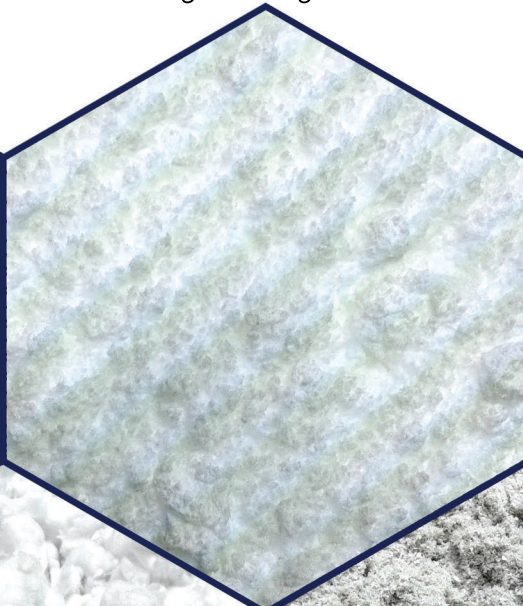
THE R.J.  
**MARSHALL**  
COMPANY

**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, AR991	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, PE254SL	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

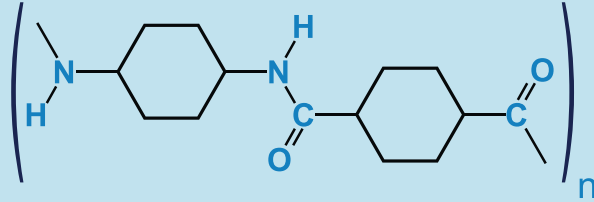


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# FIBER FACTS

**ARAMID** - Poly-para-phenylene terephthalamide

One of the strongest synthetic reinforcing fibers known.



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

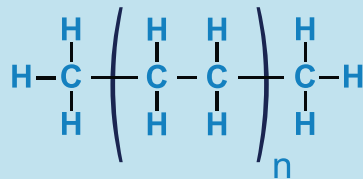
**ARAMID PULP** - Highly fibrillated Aramid fiber

**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.

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or to place an order, we encourage you to contact us at:

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January 2020