

JRS Fibers for Rubber and Plastic

BENEFITS OF Solka-Floc®



- **Improved Dimensional Stability**

Fibers form a 3D matrix in preforms

- **Reduces Green Shrinkage**

Improved quality and consistency of finished product

- **Improves Impact Strength**

Fibers naturally absorb free moisture, improving the vulcanization process

- **Improves Drying Rate of Stable Foams**

Naturally strong fibers provide strength and structure during the manufacturing process



Most Commonly Recommended JRS US Solka-Floc® Grades

Grade	Avg. Fiber Length (µm)	Bulk Volume (cc/g)	Water Retention (g/g)	-40 Mesh (%)	Screen Analysis +100 Mesh (%)	+200 Mesh (%)
20	100	3.1 - 4.3	650	LT 20%	NLT 50%	NLT 35%
40	60	2.5 - 3.5	550	LT 5%	NLT 70%	NLT 40%
100	40	1.7 - 2.3	400	LT 1%	NLT 85%	NLT 70%
200	35	1.8 - 2.4	400	LT 0.5%	NLT 90%	NLT 75%
300	22	1.9 - 2.5	420	0	NLT 99%	NLT 95%

J. RETTENMAIER USA LP



Fibers designed by Nature®
A Member of the JRS Group

Your JRS partner for the USA + Canada

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