



RUBBER COMPOUNDING



FILLTECK™

■ Enhances Dimensional Stability

Forms a three-dimensional matrix inside the product to enhance dimensional stability, while also providing strength and structure throughout the processing phase of rubber.

■ Reinforces both Cured and Uncured Rubber

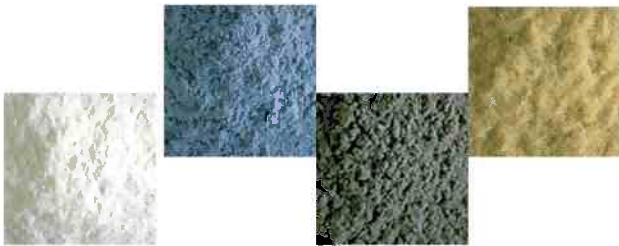
In “green” rubber, properties such as yield strength, modulus and Mooney viscosity are all improved. In cured rubbers, initial modulus, compressive strength, bending stiffness and tear resistance are all enhanced.

■ Absorbs Moisture

Fibers are naturally hygroscopic, absorbing free moisture thereby improving the vulcanization process.

■ Reduces Shrinkage

FillTeck™ fibers provide improved quality and consistency in finished product while reducing shrinkage.



TYPICAL CHARACTERISTICS

GRADE	AVERAGE FIBER LENGTH (microns)	BULK VOLUME (lbs/ft ³)	FIBER THICKNESS (microns)	OIL ABSORTION (g/g)	SCREEN ANALYSIS		
					% on 40 Mesh	% Thru 100 Mesh	% Thru 200 Mesh
<i>W200 (Cotton Flock)</i>	350	9.5	10-25	0.3	Trace	NLT80	NLT40
<i>D220 (Cotton Flock)</i>	600	9.5	10-25	0.3	Trace	NLT95	NLT30
<i>31PNF (Nylon Flock)</i>	750	10.5	15-70	Not Absorptive	NMT15	NMT90	NMT60
<i>31WNF (Nylon Flock)</i>	750	8	15-70	Not Absorptive	NMT15	NMT90	NMT60
<i>31WAF (Acrylic)</i>	500	6	10-25	Not Absorptive	NMT4	NMT90	NMT55
<i>15WPF E (Polyester Flock)</i>	300	8	20-30	Not Absorptive	NMT25	NLT50	NLT30



INTERNATIONAL FIBER CORPORATION

Solutions for a changing marketplace

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