



Johns Manville

A Berkshire Hathaway Company

2017

JM ENGINEERED PRODUCTS PORTFOLIO
GLOBAL FIBERS





SINGLE-END ROVING

Product Characteristics			Availability		Resin / Polymer Type	Tex (g/km)	300	410	600	735	1100	1200	2000	2200	2400	4400	4800	9600	FDA - NA	Food Contact EU (>2016)		
Tradename	Process	Sizing	NA	EU		Yield (yds/lb)	1655	1210	828	675	450	414	250	225	207	113	103	58				
						Ø (µm)	13	13	14	15	16	16	22	16	16	23	23	32				
StarRov®	LFT + D-LFT	490		•	PP						•			•		•				•		
		485	•		PP				•	•				•	•					•		
		865	•		TPU										•							
		853	•	•	PPS/PPA/PBT											•	•					
		890	•	•	PA							•			•	•						
	Organo Sheets/ TP-RTM	490		•	PP							•			•		•					•
		890	•	•	PA										•	•						
		853	•	•	PPS/PPA/PBT											•	•					
		886 RXN			•	PA						•			•							
	Pultrusion	090	•	•	UP/VE/Epoxy/PU						•			•	•	•	•	•	••			
		907		•	UP/VE/Epoxy/PU		•	•								•		•	•			
		908		•	UP/VE/Epoxy											•		•	•			
		086		•	UP/VE/Epoxy		•	•	•			•				•		•				
		097	•		Phenolic						•											
	Weaving / NCF / MAX	507	•		Phenolic											•						
		086		•	UP/VE/Epoxy		•	•	•			•			•		•		•			
		090	•	•	UP/VE/Epoxy						•			•	•	•	•	•	••			
	Open Mesh weaving	907		•	Epoxy/UP/VE/PU/Acrylics		•	•							•		•					
		907		•	Epoxy/UP/VE/PU		•	•														
	Filament Winding	086		•	Epoxy/UP/VE		•	•	•													
		086		•	UP/Epoxy/VE		•	•	•			•				•		•				
	097	•	•	UP/VE/Epoxy/PU									•	•	•	•	•	•				

The Food Contact compliance for Europe (>2016) is based on the requirements of the Commission Regulation (EU) 10/2011 of 14 Jan 2011 on plastic materials and articles intended to come into contact with food. The table provides only a guideline within JM product range. For specific questions, please ask a JM representative or send mail to fibers@jm.com.

CHOPPED STRANDS : ENGINEERED THERMOPLASTICS

Tradename	Sizing	POLYMER TYPE																Filament Diameter (µm)/region		FDA - NA	Food Contact EU (> 2016)
		Polyamide				Polyolefins			Polyester		Others semi-crystalline		Amorphous					NA	EU		
		PA6	PA66 - HR	PPA	Others	PP	PP-Detergent	PE	PBT	PET	PPS/high heat	POM	PPO	TPU	PC/ABS	Styrenics	PVC				
ThermoFlow®	675	•	•		•													10	10	*	
	672	•																10, 13	10, 13		
	674	•			•														10, 13		x
	701	•	•	•	•									•				10	10, 13	x	
	701LS	•	•	•	•									•				10		x	
	719LS	•								•							•	10			
	770			•	•						•							10	10	x	x
	768										•							10		x	
	641					•	•	•										10,13,14,16	10, 13	*	*
	636					•	•	•									•	10, 13	10, 13	x	x
	738					•		•										10,13,14		x	
	601								•	•						•		10	10, 13	x	x
	718								•	•					•	•		10,13		x	
	720														•	•			13		
	753										•							11		x	
749													•				13				
StarStran®	718							•	•						•	•		13		x	
	738					•		•										14		x	
	719	•							•							•		14			

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CHOPPED STRANDS : OTHER PROCESSES

Product Characteristics			Filament Diameter (μm)		Fiber Length		Matrices compatibility			Certificates NA	Certificates EU
Tradename	Process	Sizing	NA	EU	NA	EU	PP	UP-LP	Mat Binders		
StarStran®	Carding/Needling	991	16	13	51, 102 mm	51 mm	•				
	BMC	264		14		6, 12 mm		•			
		582		13.5		6, 12 mm		•			
		860		15		6, 12 mm		•			
		862		10.5, 15		4.5, 6, 12 mm		•			
		706C	16			1/8", 1/4", 1/2"		•			
	D-LFT	739	16		1/2"		•				
	GMT	423	13			1/2"		•			
413		16			1/2"		•				
Chop-Pak®	Wet dispersible (nonwoven mat)	117	11, 13, 16	13, 16	1/4", 1/2", 3/4", 1"	18, 32 mm			•		
		137	11, 13, 16		1/4", 1/2", 3/4", 1 1/4"				•		
DuraCore®	Gypsum	300	14, 16	16	1/4", 1/2"	12.7 mm				UL*	UL
		301		16		6 mm					
		193	16			1/2"					

* DuraCore® 300 1/2" is UL certified in NA.

MULTI-END ROVING

Product Characteristics			Availability	Matrix / Polymer Type					Tex (g/km)			SMC classification				
Tradename	Process	Sizing	EU	UP	VE	Epoxy	PU	PP	2400	4800	5760	Low Profile	General Purpose	Class A	Food contact	
MultiStar®	SMC	264	•	•	•				•	•			•		•	
		267	•	•	•				•	•		•	•			
		272	•	•	•				•	•		•	•	•		
	Panel/NCF/MAX/ Weaving	586	•	•	•	•				•						
		563	•	•	•	•				•						
	Panel (translucent)	566	•	•					•							
	Pipes/Tanks	586	•	•	•	•			•							
	Headliners	264	•					•	•							
	LFI	576	•					•		•	•					
	GMT	473	•						•							
Spray-Up	819	•	•	•				•								
DuraChop®	Gypsum	230	•						•							

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