



Johns Manville

JM ENGINEERED PRODUCTS PORTFOLIO
GLOBAL FIBERS



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CHOPPED STRANDS : ENGINEERED THERMOPLASTICS

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

The Food Contact compliance for Europe (> 2016) is based on the requirements of the Commission Regulation (EU) 10/2011 and the compliance Scheme of CFGF used in GFRP 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.

MULTI-END ROVING

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

CHOPPED STRANDS : OTHER PROCESSES

Product Characteristics			Filament Diameter (μm)		Fiber Length		Matrices compatibility			
Tradename	Process	Sizing	NA	EU	NA	EU	PP	UP-LP	UP-GP	Mat Binders
StarStran®	Carding/Needling	991	16	13, 16	51, 102 mm	51, 102 mm	•			
	BMC	254		15		6, 12 mm			•	
		582		13.5		6, 12 mm		•	•	
		860		15		6, 12 mm		•	•	
		862		15		6, 12 mm		•	•	
		706C	16			1/8", 1/4", 1/2"		•		
	D-LFT	738	16			1/2"				
		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"	13, 18, 32 mm				•
		137 Opt	16		1 1/4"					•
DuraCore®	Gypsum	300	13, 16	16	1/4", 1/2"	12 mm				
		301		16		6 mm				
		193	16			1/2"				
		190	16			1/2"				

Notes: UP = unsaturated polyester, GP = general purpose, LP = low profile (smooth surface with good short and long term waviness, but not class A) better surface finish than GP.

SINGLE-END ROVING

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

Other Tex/Yield upon requests



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