

## **Dry-Use Chopped Strand for Thermoplastics**

Designed to reinforce thermoplastics through compounding and injection molding processes. Provide key benefits for production productivity and high-performance composite components including outstanding mechanical and sustainability properties, and complex design with a high degree of function integration.

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GF CHARACTERISTICS		LEGAL STATEMENT FOR FOODSTUFF & DRINKING WATER				THERMOPLASTIC RESIN TO BE REINFORCED														
		AVAILABILITY				PA			PBT			PET			PP					
SIZING	FILAMENT DIAMETER (µm)	P: PELLETTIZED C: STANDARD (NON-PELLETTIZED)				MECHANICALS DAM			NO DROP OF MECHANICALS WITH STEARATES			MECHANICALS FOR IMPACT MODIFIED GRADES			MECHANICALS AFTER HOT WATER/GLYCOL AGING			LIGHT COLOR		
		NORTH AMERICA	EUROPE	ASIA PACIFIC	LATIN AMERICA	FDA & EU FOODSTUFF STATEMENT (M&B, K&H)	FRENCH DRINKING WATER	GERMAN BR & KTW RECOMMENDATION	MECHANICALS DAM	MECHANICALS WITH STEARATES	MECHANICALS FOR IMPACT MODIFIED GRADES	MECHANICALS AFTER HOT WATER/GLYCOL AGING	LIGHT COLOR	MECHANICALS DAM	MECHANICALS AFTER HOT WATER AGING	LIGHT COLOR	MECHANICALS DAM	MECHANICALS AFTER HOT WATER AGING	LIGHT COLOR	
983	10 & 13	P/C	*	*	*	*	*	+	+	+	+++	++	++							
995	10 & 13	P/C	*	*	*	*	*	+++	+++	+++	+	++	++		+					
DS1173	10, 11 & 13	P	*			*	*	+	+	+++	++	++								
CSPA	11	C	*					+	+	+	+	++	++							
957/952A*	10 & 13	P/C	*	*	*	*	*						++	++	+++	++				
183F	11 & 13	P/C	*			*	*													
147A	14	P/C	*	*	*	*	*								+	+	++	++		
968/968A**	13	C	*	*	*	*	*												++	
910/910A***	10 & 13	P/C	*	*	*	*	*												++	
91F	10	C	*	*	*	*	*													
473A	14	P/C	*																	
415A	14	P/C	*			*	*													
122Y	14	P/C	*	*	*	*	*													
FT142A	14	P	*	*	*	*	*													
923	10	C	*																	
408A	14	P/C	*													+	+	+	+	
584	14	P/C	*																	



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FILAMENT DIAMETER (µm)	SIZING	AVAILABILITY				FDA & EU FOODSTUFF STATEMENT (M&B, K&H)	FRENCH DRINKING WATER RECOMMENDATION	GERMAN BR & KTW RECOMMENDATION	MECHANICALS DAM	NO DROP OF MECHANICALS WITH STEARATES	MECHANICALS FOR IMPACT MODIFIED GRADES	MECHANICALS AFTER HOT WATER/GLYCOL AGING	LIGHT COLOR	MECHANICALS DAM	MECHANICALS AFTER HOT WATER AGING	LIGHT COLOR	MECHANICALS DAM	MECHANICALS AFTER HOT WATER AGING	LIGHT COLOR
		NORTH AMERICA	EUROPE	ASIA PACIFIC	LATIN AMERICA														
10	PerforMax® PA-1			*				***	***		***	*							
10	PerforMax® PA-2			*				***	***		**	***							
10	PerforMax® PBT/PET			*										***	*				
10	PerforMax® PP			*										***					***
10	PerforMax® POM-1			*															
10	PerforMax® POM-2			*															
10	PerforMax® PPS-1			*															
10	PerforMax® PPS-2			*															
13	PerforMax® PPE			*															
10	PerforMax® LCP-1			*															
10	PerforMax® LCP-2			*															
13	PerforMax® PC			*															
6	MicroMax® PPS			*			-												
6	MicroMax® LCP			*			-												

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## THERMOPLASTIC RESIN TO BE REINFORCED

FILAMENT DIAMETER (µm)	THERMOPLASTIC RESIN TO BE REINFORCED												TRANSPORTATION, ELECTRICAL AND ELECTRONICS, CONSUMER GOODS APPLICATIONS					
	PE	STYRENICS	POM	PPS & HT RESINS	PPO	LCP	PC		PVC & TPU		PROCESSES							
PerforMax® PA-1	MECHANICALS DAM	MECHANICALS DAM	LOW MOLD DEPOSIT	MECHANICALS DAM	MECHANICALS AFTER HOT WATER AGING	LOW OFF-GASING	LOW MOLD DEPOSIT	MECHANICALS DAM	MECHANICALS AFTER HOT WATER AGING	MECHANICALS DAM	LOW BLISTERING	"NON-BONDING"	MECHANICALS GF <20%	"BONDING"	MECHANICALS GF >20%	MECHANICALS DAM	IMPREGNATION	Thermoplastic compounding and injection molding
PerforMax® PA-2																		
PerforMax® PBT/PET																		
PerforMax® PP																		
PerforMax® POM-1			**															
PerforMax® POM-2			***															
PerforMax® PPS-1				***	***		**	***	***									
PerforMax® PPS-2				**	**		**	**	**	***								
PerforMax® PPE										***								
PerforMax® LCP-1																**	**	
PerforMax® LCP-2																**	***	
PerforMax® PC																		***
MicroMax® PPS				***	***		**	***	***									
MicroMax® LCP																***	**	