

Chopped Strand Mat

OC® Chopped Strand Mat provides outstanding performance in a variety of hand lay-up processes to mold many types of applications with both polyester and vinyl ester resins for use in transportation, recreation, marine and construction.

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SIZING	BINDER TYPE	AVAILABILITY			STANDARD WEIGHTS (GR/M ²)	AVAILABLE WEIGHT (OZ/FT ²)	AVAILABLE WIDTH (CM)	AVAILABLE WIDTH (IN)	STANDARD TRIMMED EDGES	APPLICATION/ PROCESS	SPECIFIC CHARACTERISTICS / BENEFITS
		LA	NA	EU							
M723A	Powder	x		x	225, 300, 450, 600, 900	0.5, 1, 1.5, 2, 3	95, 125	37.4, 49.2	1ST	General purpose	Excellent dry handling, fast wetting, good fiber distribution
M723	Powder			x	300, 380, 450, 600	1, 1.27, 1.5, 2	104	41	2ST	General purpose	Good translucency, tensile strength and fast wetting; no blistering
M723 S	Powder			x	225, 300, 380, 450, 600	0.5, 1, 1.27, 1.5, 2	104	41	2ST	General purpose	Good translucency, tensile strength and slow wetting; no blistering, reduced resin consumption
M705	Emulsion			x	225, 300, 450, 600, 900	0.5, 1, 1.5, 2, 3	95, 104, 125	37.4, 41, 49.2	1ST	Hand lay-up	Quick wetting, rapid air release, good conformability
M705 X12	Emulsion			x	225, 300, 450, 600	0.5, 1, 1.5, 2	95, 104, 125	37.4, 41, 49.2	1ST	Hand lay-up	Same as M705 but enhanced surface finish
M710B	Powder	x			300, 375, 450, 600	1, 1.25, 1.5, 2	140	55.12	2ST	General purpose	Quick wetting, high solubility, rapid air release, good conformability

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		LA	NA	EU	AP							
M710C	Powder	x				450	1.5	140	55.12	2ST	General purpose	Quick wetting, rapid air release, good conformability
M723B	Powder	x				450	1.5	140	55.12	2ST	General purpose	Excellent dry handling, fast wetting
M821B	Emulsion	x				300, 450	1, 1.5	140	55.12	2ST	Vacuum, RTM, S-Rim, compression molding	Good conformability, softness, fiber washing resistance
M720	Powder	x				300, 450, 600, 900	1, 1.5, 2, 3	140	55.12	2ST	Hand lay-up	High conformability, quick wetting, easily torn by hand
M5	Emulsion			x		225, 300, 375, 450, 600, 900	0.5, 1, 1.25, 1.5, 2, 3	92, 125	36.2, 49.2	1ST, 2ST	Hand lay-up	Like M705 with lower impregnation speed and less conformability
M515	Emulsion			x		300, 450, 600	1, 1.5, 2	10, 20, 125, 130	3.94, 7.87, 49.2, 51.2	2ST	Marine	Wet carrying, quick de-airing, excellent mold conformability
M6	Emulsion				x	225, 300, 450, 600	0.5, 1, 1.5, 2	52, 104	20.47, 41	1ST	Hand lay-up	Reasonably fast wet out, good solubility and tensile strength
M123	Powder			x		225, 300, 450, 600, 900	0.5, 1, 1.5, 2, 3	92, 125	49.2	1ST	General purpose	Good mold conformability, fiber distribution and clarity

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		LA	NA	EU	AP							
M123	Powder				x	300, 380, 450, 600	1, 1.27, 1.5, 2	104	41	2ST	General purpose	Good mold conformability
M113	Powder			x		100, 225, 300, 450, 600	0.33, 0.5, 1, 1.5, 2	Various	Various	2ST	Panel applications	Excellent surface finishing and tensile strength
M137	Powder				x	300, 380, 450, 600	1, 1.27, 1.5, 2	104, 300	41, 118.11	2ST	Hand lay-up	Excellent mold conformability and mechanical performance in the laminate, quick wetting
M534	Emulsion			x		300, 450, 600	1, 1.5, 2	125	49.2	1ST	Hand lay-up, compression molding	Good mechanical properties in the laminate, quick wetting and good mold conformability
M413	Emulsion			x		100, 150, 300	0.33, 0.5, 1	130	51.18	1ST	Compression molding, roofing, marine	Good tensile strength, fast wet out, excellent mold conformability