



PRODUCT SPECIFICATION

Product MX Nylon
Polyamide MXD6, Nylon MXD6

Grade ME1003

PROPERTY	UNITS	Minimum	Maximum	Test Method
Relative Viscosity	N/A	1.95	2.30	ISO 307
Yellowness Index	YI	--	5	ASTM D1925
Moisture	%	--	0.10	ASTM D6869-03
Apparent Density	g/cm ³	0.60	0.80	ASTM D1895-96

Processing Guidelines

Processing temperatures between 250°C and 290°C (482°F and 554°F) are suggested for initial evaluations. Maximum processing temperature should not exceed 300°C (572°F). It is not necessary to dry MX Nylon before processing when proper storage to prevent moisture absorption is provided. Packaging is sealed and should be opened only immediately prior to processing. To avoid moisture absorption from the air, packages must be stored in dry rooms and always carefully resealed after opening. Packages stored in cold rooms should be allowed to equilibrate to normal temperature before opening to minimize condensation. Pellets that have absorbed water from exposure to air may be dried using suitable drying conditions either under vacuum at 150°C for 5 hours or without vacuum at 100°C for 12 hours.

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