

NYLON SOLUTIONS

Aegis® H8202NL Nylon 6 Homopolymer

Description

Aegis® H8202NL is an unfilled, low/medium viscosity, non-lubricated, nylon 6 homopolymer. It exhibits good strength, stiffness, and toughness as well as excellent heat, chemical and abrasion resistance.

Specification	Test Method	Unit	Value
Parameter			
Viscosity, FAV	ASTM D-789		49 ± 3
Moisture Content	ASTM D-6869	wt. %	≤ 0.10
Extractable Content	SOP-702-307	wt. %	≤ 0.80

Typical Properties	Test Method	Unit	Value
Parameter			
Melting Point	ASTM D-3418	°C (°F)	220 (428)
Density	ASTM D-792	g/cm ³	1.13

Processing Guidelines

Material Handling

Aegis® H8202NL resin is supplied in sealed containers and drying prior to processing is not required. However, high moisture is the primary cause of processing problems. If drying becomes necessary, a dehumidifying or desiccant dryer operating at 80°C (176°F) is recommended. Drying time is dependent on moisture level. Further information concerning safe handling procedures can be obtained from the Safety Data Sheet. Alternatively, please contact your AdvanSix representative.

The values presented in this data sheet are typical values and are not to be interpreted as product specifications.

Contact AdvanSix

To learn more about the benefits of Aegis® Nylon Resins, visit AdvanSix.com/NylonSolutions or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

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