Aegis® H55ZI Nylon 6 Homopolymer

NYLON SOLUTIONS

DESCRIPTION

Aegis® H55ZI is an unterminated, medium viscosity, nylon 6 homopolymer well-suited for monfilament and multifilament applications as well as carpet fiber.

PHYSICAL AND CHEMICAL PROPERTIES

SPECIFICATION	TEST METHOD	UNIT	VALUE
Parameter			
Viscosity, FAV	ASTM D-789		55 +/- 3
96% SAV			2.72
Moisture Content	ASTM D-6869	%	Max. 0.08
Extractable Content	SOP-702-307	%	Max. 1.2

TYPICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Parameter			
Melting Point	ASTM D-3418	°C (°F)	220 (428)
Density (Typical)	ASTM D-1505	g/cm^3	1.13
Forms			Pellets

PROCESSING GUIDELINES

Material Handling

Aegis® H55ZI is supplied in sealed containers and drying prior to processing is not required. However, higher moisture is the primary cause of processing issues. If drying becomes necessary, a dehumidifying or desiccant dryer operating at 80°C (176°F) is recommended. Drying time is dependent on moisture level. More information about safe handling procedures can be obtained by requesting the Safety Data Sheet on AdvanSix.com.

NOTE

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

The values in this data sheet are for natural color resins only. Colorants or other additives may alter some or all of these properties. The data listed here fall within the normal range of product properties, but should not be used to establish specification limits nor used alone as the basis of design.

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CONTACT ADVANSIX

Contact AdvanSix to learn more about the benefits of our Nylon Resins.

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