

Product Specification

Product	Aegis® H55ZI
Product Description	Aegis® H55ZI is an unterminated medium viscosity nylon 6 homopolymer well suited for mono and multifilament applications as well as carpet fiber.

Specification

Parameter	Test Method	Unit	Value
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

General properties

Parameter	Test Method	Unit	Value
Melting Point	ASTM D-3418	°C	220
Density (Typical)	ASTM D-1505	g/cm ³	1.13
Forms			Pellets

Product handling

This product 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 Material Safety Data Sheet. Alternatively, please contact your AdvanSix Inc. representative.

Contact AdvanSix

To learn more about the benefits of Aegis® Nylon Resins, visit Advan6.com or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-455-3000** (international)

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