

# Aegis® H95ZI Nylon 6 Extrusion Grade Homopolymer

## Description

**Aegis® H95ZI** is a medium viscosity, nylon 6 extrusion grade homopolymer for high-strength monofilament and multifilament applications (typical filament tenacities 5.0-9.0 gpd).

Typical Properties	Test Method	Unit	Value
<b>Parameter</b>			
Viscosity, FAV	D-789		86-98
96% SAV			3.28
Moisture Content	ASTM D-6869	%	Max. 0.06
Extractable Content	SOP-702-307	%	Max. 0.8
<b>Thermal</b>			
Melting Point	ASTM D-3418	°C (°F)	220 (428°F)
Density (Typical)	ASTM D-1505	g/cm <sup>3</sup>	1.13
Forms			Pellets

## Processing Guidelines

### Material Handling

Aegis® H95ZI homopolymer 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.

CHEMICAL

*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](http://AdvanSix.com/NylonSolutions) or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

**AdvanSix**  
300 Kimball Drive, Suite 101  
Parsippany, NJ 07054

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