

# Aegis® H55QP Nylon 6 Homopolymer

## Description

**Aegis® H55QP** is a medium viscosity, lubricated, nylon 6 homopolymer well-suited for general extrusion and extrusion coating.

Specifications	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

Typical Properties	Test Method	Unit	Value
Melting Point	ASTM D-3418	°C (°F)	220 (428)
Density (Typical)	ASTM D-1505	g/cm <sup>3</sup>	1.13
Lubricant		%	0.015
Forms			Pellets-Spherical

## Processing Guidelines

### Material Handling

Aegis® H55QP resin is supplied in sealed containers and drying prior to processing is not required. However, high 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](http://AdvanSix.com).

*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)

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