

NYLON SOLUTIONS

Aegis® H155C1HXI-W01 Nylon Extrusion Grade Copolymer

Description

Aegis® H155C1HXI-W01 is high viscosity nylon extrusion grade copolymer for monofilament trimmer line & fishline applications. Aegis® H155C1HXI-W01 possesses combination of excellent filament tenacity, flexibility, & transparency properties as well as excellent chemical/wear resistance.

General Properties	Test Method	Units	Value
Parameters			
Melting Point	ASTM D-3418	°C (°F)	187°C (369°F)
Specific Gravity, 23°C (73.4°F)	ASTM D-792	g/cm ³	1.12
Extractable Content	SOP-702-307	%	5.5-8.0
Moisture (%50 RH)	ASTM D-570	%	3.1
Moisture (Saturation)	ASTM D-570	%	10
Pellet Properties			
Viscosity, FAV	ASTM D-789	-----	115-135
RV @ 96% Sulfuric Acid	ASTM D-789	-----	3.55-3.76
Bulk Density		kg/m ³	670
Pellet Shape / Appearance	Visual	-----	Cylinder/White Opaque
Pellet Size	Internal SOP	mm	1.9-2.5
Moisture Content	ASTM D-6869	%	≤ 0.11

Processing Guidelines

Material Handling

Aegis® H155C1HXI-W01 resin is supplied in sealed containers & 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/Nylon Solutions](http://AdvanSix.com/Nylon_Solutions) or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

AdvanSix

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