

Aegis® H155C1HXI Nylon Extrusion Grade Copolymer

Description

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

General Properties	Test Method	Units	Value
Parameter			
Melting Point	ASTM D-3418	°C (°F)	187°C (369°F)
Specific Gravity, 23°C (73.4°F)	ASTM D-792		1.12
Extractable Content	SOP-702-307	%	6.0-8.0
Moisture (50% RH)	ASTM D-570	%	3.1
Moisture (Saturation)	ASTM D-570	%	10
Pellet Properties			
Viscosity, FAV	ASTM D-789		125-145
SAV @ 96% Sulfuric Acid			3.65-3.85
Bulk Density		kg/m ³	670
Pellet Shape			Cylindrical
Pellet Size		mm	1.9-2.5
Moisture Content	ASTM D-6869	%	≤ 0.12

Processing Guidelines

Material Handling

This product is supplied in sealed containers and drying prior to processing is not required. However, higher 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.

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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)

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January 2019, Printed in U.S.A.
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