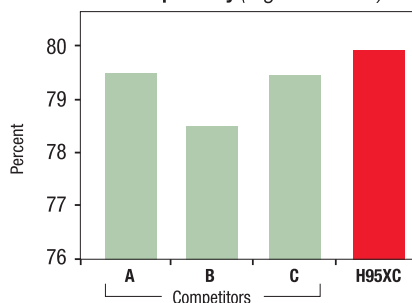


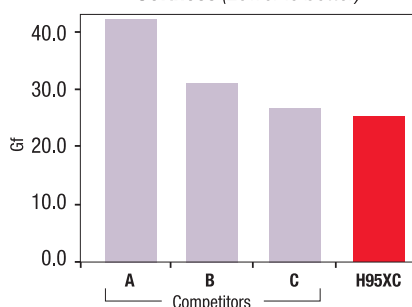
Aegis® H95XC Fishing Net Gen II Nylon 6 Resins



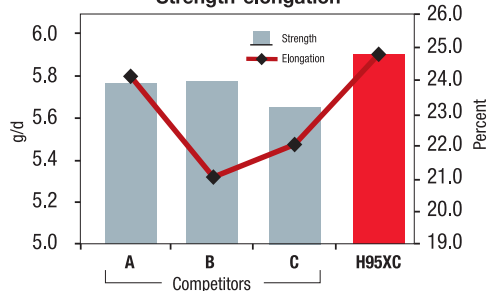
Transparency (Higher is better)



Softness (Lower is better)



Strength-elongation



Honeywell Resins and Chemicals

Honeywell Resins and Chemicals is a global leader in speciality markets – including Nylon 6 resins, Caprolactam (Nylon 6 feedstock), and chemical intermediates. Honeywell products serves diverse applications such as fibers and filaments (carpet, fabrics, nets, cords, etc.), engineered plastics components (automotive, consumer, industrial), and films for food and protective packaging.

In addition to being one of the top 5 fully integrated manufacturers of Nylon 6 resin globally, Honeywell offers over a half-century of technology and customer-focused application development expertise to enable sustainable growth worldwide.

Product Value Proposition

Honeywell Aegis® H95XC Fishing Net Gen II Nylon 6 Resins come with critical performance additives already included in the offering. Since these new resins are “ready to use,” customers no longer need to conduct their own self-blending processes, saving time and costs associated with manually blending the additives.

Product Features and Benefits

Honeywell Aegis® H95XC Fishing Net Gen II Nylon 6 Resins deliver the attributes that matter to the end use fishnet and fishing line community:

- **transparency** – more transparent lines mean more caught fish and are also perceived as higher quality
- **softness/flexibility** – important for handling and storage so that the net spreads out and folds easily
- **tenacity** – critical for ensuring that the net does not break when hauling in caught fish
- **elongation** – optimizes fishnet knot performance to avoid slippage resulting in fish escape

Specifications

Parameter	Test Method	Unit	Value
Viscosity, FAV	ASTM D-789		83-98
96% SAV			3.25
Moisture Content	ASTM D-6869	%	Max. 0.08
Extractable Content	SOP-702-307	%	3.0-5.0

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



Target Markets and Applications

The primary target market for this new offering includes manufacturers that convert nylon and/or nylon copolymer resin into filaments and fibers used to produce fishnets and fishing lines.

Competitive Performance

Honeywell Aegis® H95XC Fishing Net Gen II Nylon 6 Resins have demonstrated competitive or superior performance with current industry alternatives and perform significantly better than manufacturers attempting their own self-blending methods.

Processing Conditions Guideline for Aegis® H95XC**

No.	Item	Unit	Data
1	Extruder heat zone 1	°C	230
2	Extruder heat zone 2	°C	250
3	Extruder heat zone 3	°C	265
4	Extruder heat zone 4	°C	263
5	Extruder flange temperature	°C	263
6	Die temperature	°C	270
7	Extruder set pressure	MPa	10
8	Cooling water-bath temperature	°C	10-20
9	Stretch hot water temperature	°C	95-98
10	Heat-setting hot air temperature	°C	210-220
11	Total draw ratio		4.6
12	Take-up speed	m/mim	70

** Processing conditions will be slightly different in each machine.

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