

## Honeywell Aegis™ PL75HS Medium Viscosity, Heat Stabilized, Flexible Nylon 6 (discontinued \*\*)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Heat Stabilized

### Material Notes:

Description: Aegis PL75HS is a medium viscosity, heat stabilized, flexible nylon 6 especially suited to the production of extrusion profiles offering a combination of good flexibility, toughness and abrasion resistance. Chemical resistance is excellent to greases, oils and hydrocarbons. Applications: Used in extruded profile applications. Information provided by Honeywell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Honeywell-Aegis-PL75HS-Medium-Viscosity-Heat-Stabilized-Flexible-Nylon-6-nbspdiscontinued.php](http://www.lookpolymers.com/polymer_Honeywell-Aegis-PL75HS-Medium-Viscosity-Heat-Stabilized-Flexible-Nylon-6-nbspdiscontinued.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Maximum Moisture Content	0.0010	0.0010	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	ASTM D638
Elongation at Break	>= 100 %	>= 100 %	ASTM D638
Flexural Strength	45.0 MPa	6530 psi	ASTM D790
Flexural Modulus	1.28 GPa	185 ksi	ASTM D790
Izod Impact, Notched	0.910 J/cm	1.70 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ASTM D3418
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ASTM D648

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	230 - 250 °C	446 - 482 °F	
Middle Barrel Temperature	240 - 255 °C	464 - 491 °F	
Front Barrel Temperature	230 - 250 °C	446 - 482 °F	
Die Temperature	230 - 245 °C	446 - 473 °F	
Melt Temperature	250 - 260 °C	482 - 500 °F	
Head Temperature	230 - 245 °C	446 - 473 °F	

Processing Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China