

## Daelim H&L Plavis N Aromatic Polyimide, Non-Filled, Direct Formed (Unverified Data\*\*)

Category : Polymer , Thermoset , Polyimide, TS

### Material Notes:

Information provided by Daelim H&L

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Daelim-HL-Plavis-N-Aromatic-Polyimide-Non-Filled-Direct-Formed-nbspUnverified-Data.php](http://www.lookpolymers.com/polymer_Daelim-HL-Plavis-N-Aromatic-Polyimide-Non-Filled-Direct-Formed-nbspUnverified-Data.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	75 - 85	75 - 85	ASTM D785
Tensile Strength, Ultimate	43.4 MPa	6300 psi	ASTM D1708
	@Temperature 260 °C	@Temperature 500 °F	
Tensile Strength, Yield	79.5 MPa	11500 psi	ASTM D1708
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Tensile Strength, Yield	24.4 MPa	3540 psi	ASTM D95
	@Strain 1.00 %	@Strain 1.00 %	
Elongation at Break	125.8 MPa	18250 psi	ASTM D95
	@Strain 10.0 %	@Strain 10.0 %	
Elongation at Break	7.8 %	7.8 %	ASTM D1708
	@Temperature 260 °C	@Temperature 500 °F	
Flexural Strength	11 %	11 %	ASTM D1708
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Strength	52.0 MPa	7540 psi	ASTM D790
	@Temperature 260 °C	@Temperature 500 °F	
Flexural Strength	86.2 MPa	12500 psi	ASTM D790
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Flexural Modulus	1.48 GPa	215 ksi	ASTM D790
	@Temperature 260 °C	@Temperature 500 °F	
	2.4463 GPa	354.80 ksi	ASTM D790

Mechanical Properties	@Temperature 23.0 °C Metric	@Temperature 73.4 °F English	Comments
Compressive Modulus	2.3152 GPa	335.79 ksi	ASTM D695
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Izod Impact, Notched (ISO)	4.905 kJ/m <sup>2</sup>	2.334 ft-lb/in <sup>2</sup>	ASTM D256
Coefficient of Friction	0.24	0.24	

Thermal Properties	Metric	English	Comments
CTE, linear	4.90 µm/m-°C	2.72 µin/in-°F	ASTM D696
	@Temperature 23.0 - 260 °C	@Temperature 73.4 - 500 °F	
Decomposition Temperature	616 °C	1140 °F	

Descriptive Properties	Value	Comments
50% Weight Reduction Time (Minutes)	240	

## 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