

## Precision Polymer Engineering N65H Nitrile Rubber

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Nitrile Butadiene Rubber (NBR), 65-75 °IRHD. High acrylonitrile (ACN) content = 40% plus. Copolymer of acrylonitrile and butadiene. Applications: The high acrylonitrile content of this compound increases resistance to petroleum-based oils and fuels. Suitable for use in Aerospace applications.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-N65H-Nitrile-Rubber.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-N65H-Nitrile-Rubber.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	°IRHD; ASTM D1415
	55 - 85	55 - 85	°IRHD, ±15 change after 70 hours @ 100°C; ASTM D1415
Tensile Strength, Yield	5.25 MPa	761 psi	-25% change after 70 hours @ 100°C; ASTM D412
	7.00 MPa	1020 psi	ASTM D412
Elongation at Break	225 %	225 %	-25% change after 70 hours @ 100°C; ASTM D412
	300 %	300 %	ASTM D412
Compression Set	25 %	25 %	24 hours @ 100°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	Non-brittle after 3 minutes
	-35.0 °C	-31.0 °F	
Flash Point	>= 300 °C	>= 572 °F	

## 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