

## Zeon Chemicals Nipol® 1082V Polyblend Nitrile Elastomer

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

### Material Notes:

Nipol® nitrile elastomers are recommended when oil or solvent resistance is needed for the proper functioning of rubber parts. Fuel, oil and solvent resistance improves as acrylonitrile content is increased. Low temperature flexibility and resiliency are improved as butadiene content increases. Used for soft rolls and other low durometer goods. Contains 50 phr DIDP plasticizer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zeon-Chemicals-Nipol-1082V-Polyblend-Nitrile-Elastomer.php](http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-1082V-Polyblend-Nitrile-Elastomer.php)

| Physical Properties | Metric                         | English                        | Comments |
|---------------------|--------------------------------|--------------------------------|----------|
| Specific Gravity    | 0.980 g/cc                     | 0.980 g/cc                     |          |
| Mooney Viscosity    | 30 - 45<br>@Temperature 100 °C | 30 - 45<br>@Temperature 212 °F | (1+4)    |

| Mechanical Properties | Metric               | English         | Comments |
|-----------------------|----------------------|-----------------|----------|
| 100% Modulus          | 0.00740 - 0.0113 GPa | 1.07 - 1.64 ksi |          |

| Descriptive Properties        | Value | Comments |
|-------------------------------|-------|----------|
| Bound ACN (% , acrylonitrile) | 34    |          |
| Type                          | PB    |          |

## 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