

## ATG s.r.l. IIR Butyl Rubber

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

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ATG-srl-IIR-Butyl-Rubber.php](http://www.lookpolymers.com/polymer_ATG-srl-IIR-Butyl-Rubber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 - 85	40 - 85	
Tensile Strength, Ultimate	7.00 - 18.0 MPa	1020 - 2610 psi	
Elongation at Break	250 - 800 %	250 - 800 %	
Rebound	6.0 - 12 %	6.0 - 12 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °F	

Descriptive Properties	Value	Comments
Abrasion Resistance	medium	
Chemical Resistance to Animal and Vegetable Oils and Greases	medium	
Chemical Resistance to Aromatic Hydrocarbons	none	
Chemical Resistance to Chloride Solvents	none	
Chemical Resistance to Distilled Water	high	
Chemical Resistance to Ketones	high	
Chemical Resistance to Maximum Concentrated Alkalis (at 50°C)	high	
Chemical Resistance to Medium-High Concentrated Acids (at 50°C)	medium	
Chemical Resistance to Mineral Oils and Aliphatic Hydrocarbons	none	
Compression set at 100°C	medium	
Impermeability at gas (Oxygen and Nitrogen)	medium	

<b>Resistance to Flame Descriptive Properties</b>	<b>Value</b>	<b>Comments</b>
Resistance to Heat Aging	low	
Resistance to Low Temperatures	low	
Resistance to Ozone and Weathering	medium	
Tear Strength	medium	

## Contact Songhan Plastic Technology Co.,Ltd.

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