

## ATG s.r.l. EACM Ethylene-Acrylic 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-EACM-Ethylene-Acrylic-Rubber.php](http://www.lookpolymers.com/polymer_ATG-srl-EACM-Ethylene-Acrylic-Rubber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 - 90	40 - 90	
Tensile Strength, Ultimate	9.00 - 18.0 MPa	1310 - 2610 psi	
Elongation at Break	250 - 550 %	250 - 550 %	
Rebound	15 - 25 %	15 - 25 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	175 °C	347 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Descriptive Properties	Value	Comments
Abrasion Resistance	low	
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	medium	
Chemical Resistance to Ketones	none	
Chemical Resistance to Maximum Concentrated Alkalis (at 50°C)	NA	
Chemical Resistance to Medium-High Concentrated Acids (at 50°C)	none	
Chemical Resistance to Mineral Oils and Aliphatic Hydrocarbons	medium	
Compression set at 100°C	high	
Impermeability at gas (Oxygen and Nitrogen)	medium	

Resistance to Flame Descriptive Properties	low Value	Comments
Resistance to Heat Aging	high	
Resistance to Low Temperatures	medium	
Resistance to Ozone and Weathering	high	
Tear Strength	medium	

## Contact Songhan Plastic Technology Co.,Ltd.

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