

# Royaltherm® 1411A

Ethylene Propylene Diene Terpolymer

Lion Copolymer, LLC

## Message:

Royaltherm 1411A is a modified EPDM with a special silicone rubber.

Royaltherm 1411A is supplied as a base compound that can be vulcanized with peroxides or sulfur/accelerator systems. Royaltherm 1411A is 30 - 40 Durometer when vulcanized with 1.8 phr of dicumyl peroxide. It can be blended with Royaltherm 1721 for intermediate hardness applications.

Royaltherm 1411A is recommended for applications that require lower tensile strength than Royaltherm 1721. Royaltherm 1411A is also recommended for applications that require retention of mechanical strength at elevated temperatures, weather and moisture resistance, electrical stability and compression recovery at low temperatures.

General Information			
Features	Good Weather Resistance		
	High Heat Resistance		
	Moisture Resistant		
	Vulcanizable		
Uses	Blending		
Appearance	Off-White		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940 to 1.10	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Mooney Viscosity (ML 1+4, 100°C)	27 to 37	MU	ASTM D1646
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness <sup>1</sup> (Shore A)	30 to 40		
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	> 7.00	MPa	ASTM D412
Tensile Elongation (Break)	> 700	%	ASTM D412
NOTE			
1.	Peroxide-cured		

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## Recommended distributors for this material

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