

**ESPRENE®**  
EPDM**670F**  
Ethylene - Propylene - Diene Terpolymer

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4	MU(100°C)	63
Volatile Matter	(%)	1.0 max
Ethylene Content	(%)	66
ENB Content	(%)	4.0
Extended Oil	(PHR)	100

**Polymer characteristics**

Extremely high Mooney viscosity (Ultra high molecular weight base polymer) and oil extended ENB polymer.  
Excellent dynamic fatigue property and anti vibration property.  
Highly extendable.

**Typical Applications**

Anti vibration rubber parts, automotive parts.

**Physical Form**

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

**Packaging**

Steel box of 750kg containing 30 bales ( 1450 x 1125 x 1070mm )

**Storage Conditions**

Storage at the dry room temperature is desirable.  
No direct sunlight, no direct UV.

Please consult the relevant safety data sheet for more detailed information.  
The information and data presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, expressed or implied, is made nor is any liability accepted with respect to the use of such information and data.

For additional technical, sales and order assistance:

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**ESPRENE<sup>®</sup>**  
EPDM**501A**  
Ethylene - Propylene - Diene Terpolymer

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4(100°C)	MU	44
Volatile Matter	(%)	1.0 max
Ethylene Content	(%)	51.6
ENB Content	(%)	4.1

### Polymer characteristics

Low Mooney viscosity ENB polymer.  
Especially easy processing.  
Possible low loading.  
Suitable for conventional rubber goods.

### Typical Applications

Transfer and injection moldings, electrical equipment.

### Physical Form

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

### Packaging

Steel box of 900kg containing 36 bales ( 1450 x 1125 x 1070mm )

### Storage Conditions

Storage at the dry room temperature is desirable.  
No direct sunlight, no direct UV.

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**ESPRENE<sup>®</sup>**  
EPDM**505A**  
Ethylene - Propylene - Diene Terpolymer

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4(100°C)	MU	47
Volatile Matter	(%)	1.0 max
Ethylene Content	(%)	50.2
ENB Content	(%)	9.4

### Polymer characteristics

Low Mooney and high-diene content, ENB polymer.  
Especially easy processing.  
Possible low loading.

### Typical Applications

Transfer and injection moldings, electrical equipment, sponge.

### Physical Form

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

### Packaging

Steel box of 900kg containing 36 bales ( 1450 x 1125 x 1070mm )

### Storage Conditions

Storage at the dry room temperature is desirable.  
No direct sunlight, no direct UV.

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**ESPRENE<sup>®</sup>**  
EPDM**512F**  
Ethylene - Propylene - Diene Terpolymer

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4(125°C)	MU	66
Volatile Matter	(%)	1.0 max
Ethylene Content	(%)	64.6
ENB Content	(%)	3.9

### Polymer characteristics

Well suited for extrusion processing.  
Excellent shape retention and green strength.

### Typical Applications

Extruded mechanical goods for automotive, transfer and injection moldings.

### Physical Form

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

### Packaging

Steel box of 750kg containing 30 bales ( 1450 x 1125 x 1070mm )

### Storage Conditions

Storage at the dry room temperature is desirable.  
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**ESPRENE®**  
EPDM**600F**  
Ethylene - Propylene - Diene Terpolymer

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4(100°C)	MU	63
Volatile Matter	(%)	1.0 max
Ethylene Content	(%)	66
ENB Content	(%)	4.0
Extended Oil	(PHR)	100

**Polymer characteristics**

High Mooney viscosity (Ultra high molecular weight base polymer) and oil extended ENB polymer. Excellent dynamic fatigue property and anti vibration property. Highly extendable.

**Typical Applications**

Anti vibration rubber parts, automotive parts.

**Physical Form**

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

**Packaging**

Steel box of 750kg containing 30 bales ( 1450 x 1125 x 1070mm )

**Storage Conditions**

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**ESPRENE<sup>®</sup>**  
EPDM**5206F**  
Ethylene - Propylene - Diene Terpolymer

Main Properties	Unit	Typical Value
Mooney Viscosity ML 1+4	MU(150°C)	62
Volatile Matter	(%)	1.0 max
Ethylene Content	(%)	54
ENB Content	(%)	8.5

### Polymer characteristics

High Mooney, high diene content, ENB polymer.  
Especially suited for the sponge products cured by continuous vulcanization.

### Typical Applications

Seal sponge for automotive, insulation sponge.

### Physical Form

Bales wrapped with low melting point polyethylene film; typical bale weight: 25 kg.

### Packaging

Steel box of 750kg containing 30 bales ( 1450 x 1125 x 1070mm )

### Storage Conditions

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