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# ELASTOKAM™ 7505

(Ethylene-Propylene Diene Rubber)

## Product Description

Elastokam 7505 is a high Mooney, high ethylene content, fast curing EPDM rubber, intended to be used where excellent mechanical properties and good extrusion performance are required. Typical areas of application include (but are not limited to) automotive parts, electrical appliances, cables, and waterproofing membranes. In addition, Elastokam 7505 allows for a high level of filler.

## Typical Properties

Polymer specification	Value	Method / Notes
Mooney viscosity ML (1+4) at 125° C	75 - 85	ASTM D 1646
Propylene, % wt.	38 - 42	ASTM D 3900
ENB content, % wt.	5.0 +/- 0.50	ASTM D 6047
Volatiles, % wt.	0.70	ASTM D 5668
Ash, % wt.	0.20	ASTM D 5667
Stabilizer	0.25 - 0.35	
Physical Properties (1) (2)		
Tensile strength, MPa	13	
Elongation, %	350	
Modulus at 300% elongation	10	
Typical inspections (2)		
Minimum Torque dN*m	6	
ts 1 minimum	3	
ts 90 minimum	14	

(1) Determined on standard recipe ISO 4097 with the following formulation:

Elastokam 6405	100
HAF carbon black	80)
Oil	50
ZnO	5
Stearic Acid	1
Sulphur	1.5
TMTD	1
MBT	0.5

(2) Rheometer acc. To ISO 3417 at 160° C, small test Chamber, 1.7 Hz arc 1°, no pre-warming, running Time 30 min, range 100

### Additional Information:

Elastokam EPDM is produced with up to date technology in the Republic of Tatarstan (Russia)

Elastokam EPDM is used for all applications where outstanding resistance to ageing and ozone is required

Elastokam is packaged in wooden boxes of about 360 kg. net wt. It will soon be available in cardboard

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