



ELASTOKAM™ 5408 (Ethylene-Propylene Diene Rubber)

Product description

Elastokam 5408 is a medium Mooney, medium-high ethylene content, very fast curing EPDM rubber characterized by excellent processability. Typical areas of application include but are not limited to those applications requiring high vulcanisation speed, such as the production of expanded profiles and blends with dienic rubber like, for instance natural rubber or SBR.

Typical properties

Polymer specification	Value	Method / Notes
Mooney viscosity ML (1+4) at 100°C	62 – 72	ASTM D 1646
Propylene, % wt.	33 – 37	ASTM D 3900
ENB content, % wt.	9.0 +/- 0.5	ASTM D 6047
Volatiles, % wt.	0,7	ASTM D 5668
Ash, % wt.	0,2	ASTM D 5667
Stabiliser	0.30-0.50	
Physical properties (1) (2)		
Tensile strength, MPa	18	
Elongation, %	300	
Modulus at 300% Elongation	14	
Typical inspections (2)		
Minimum Torque dN*m	7	
ts1 min	2	
tc90 min	10	

(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

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. In the near future it will also be available in carton boxes

(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

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