

ELASTOKAM (TU 2294-022-05766801-2002)

ELASTOKAM 5402 – Elastokam 5402 is medium-high ethylene content, low ENB content rubber. It is used for production of extruded and calendered sheets with outstanding resistance to weathering and with advanced mechanical properties. It can be used in all applications requiring low density cross-linking. Typical application of Elastokam 5402 is compounding with butyl rubber for inner tubes production.

ELASTOKAM 5408 – 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 applications requiring high vulcanization speed, such as the production of expanded profiles and blends with dienic rubber like (natural rubber or SBR).

ELASTOKAM 6305 - Elastokam 6305 is a high Mooney, high ethylene content, fast curing EPDM rubber characterized by high green strength and intended for use in areas requiring excellent mechanical properties and good extrusion performance. Typical fields of application include (but are not limited to) production of automotive parts, electrical appliances, cables and waterproofing membranes. Elastokam 6305 permits a high level of filler.

ELASTOKAM 6402 – Elastokam 6402 is high Mooney, high ethylene content, and low ENB content rubber. Its main application area is production of extruded and calendered sheets with outstanding resistance to weathering and good mechanical properties. It can be used for all applications requiring low degree of cross-linking. Typical application of Elastokam 6402 is compounds for production of EPDM waterproofing membranes.

ELASTOKAM 7505 – Elastokam 7505 is a high Mooney, high ethylene content, fast curing EPDM rubber used in applications requiring excellent mechanical properties and good extrusion performance. Typical areas of application include but are not limited to automotive parts, electrical appliances, cables and waterproofing membranes. Elastokam 7505 allows for a high level of filler.

MAIN QUALITY SPECIFICATIONS

	TEST METHOD	5402 Typical Value	5408 Typical Value	6305 Typical Value	6402 Typical Value	7505 Typical Value
Mooney viscosity ML (1+4) at 125°C:						
Group I		20 – 29	42 – 51	45 – 54	30 – 39	55 – 64
Group II	ASTM D 1646	30 – 39	52 – 61	55 – 64	40 – 49	65 – 74
Group III		40 – 50	62 – 72	65 – 75	50 – 60	75 – 85
Group IV		51 – 60	73 – 82	76 – 85	61 – 70	86 – 95
ENB mass content, %	§ 4.4a. of TU	1.0 – 3.0	8.0-10.0	4.3 – 5.7	1.0 – 3.0	4.3 – 5.7
Loss of mass at drying, %, max.	ASTM D 5668	0.7	0.7	0.7	0.7	0.7
Ash mass content, %, max.	ASTM D 5667	0.2	0.2	0.2	0.2	0.2
Propylene chains mass content, %	ASTM D 3900	35 – 40	33 – 37	24 – 30	33 – 37	38 – 42
Vanadium mass content, %, max.	§ 4.7. of TU	0.008	0.008	0.008	0.008	0.008
Stabilizer mass content. %, max	§ 4.9. of TU	0.15	0.15	0.15	0.15	0.15

Supply form 25±1 kg bales

Packaging Polyethylene film, paper bags, cardboard, wooden and metal pallet boxes. Talc treatment is possible. As per customer requirements bale packaging in two layers of polyethylene film is possible

Transportation Product stacked in pallet boxes is transported in railway boxcars and large-capacity containers. Product in paper bags is transported without piling.

Storage At ambient temperature indoors, away from heat and fire sources, direct sunrays and atmospheric precipitation. Premises temperature should not exceed 30 °C. Storage location should have lighting and blast-proof ventilation.