

Product Description

Extrusion thermoplastic elastomer based on styrene-ethylene-butylene-styrene rubber. It has excellent weather resistance and high deformation and strength properties. Rubber-like elasticity.

Appearance: black granules 2-3 mm in size; packed in Bigbags.

Application: Automotive interior and technical parts. Co-extrusion, solid part in window porch.

Properties

Feature	Unit	Standard	Value
Hardness (5 sec)	Shore A	ISO 868	53-57
Density (25 °C ±0,5)	g/cm ³	ISO 2781	1.17-1.19
Tensile stress at 100%, (100 mm/min), not less	MPa	ISO 37	0.6
Tensile stress at 300%, (100 mm/min), not less	MPa	ISO 37	1.2
Tensile stress at break, MPa (100 mm/min), not less	MPa	ISO 37	4.7
Elongation at break, (100 mm/min), not less	%	ISO 37	550
Residual elongation after break, not more	%	ISO 37	105
Melt flow rate (190 °C; 5 kg)	g/10 min	ISO 1133	4.5-5.5
Temperature limit of brittleness, not higher	°C	ISO 812	-55
Dynamic operating temperature, not lower	°C	-	+110

Legal Statement

The information in this technical description is for reference purposes only. It can be considered as the basis for determining whether material is acceptable for specific applications. Because it is not possible to anticipate all applications of materials and operating conditions, AMT makes no warranty and assumes no liability for the use of the information specified in the catalog. This information may be changed without notice.