

Dryflex® AM 50A204B

Styrene Ethylene Butylene Styrene Block Copolymer

ELASTO

Message:

We have engineered a range of materials specifically designed to address the requirements for automotive mats - the Dryflex AM range. These materials combine the performance of thermoset rubbers with the processability of plastics. Applications for Dryflex AM materials include floor mats, trunk liners, coin mats, fascia mats and trim.

For automotive floor mats the material needs to have high scratch and abrasion resistance. It is also critical that the material is non-slip, even when wet. The material structure of Dryflex AM compounds produces the surface finish and high friction required. The range includes high-flow grades designed for complex mouldings with a large surface area such as trunk liners.

Dryflex AM materials are low odour and fogging. They require no vulcanisation and are 100% recyclable during production. This means less energy is used and production is faster and more cost-efficient.

General Information			
Features	Fast Molding Cycle		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Colorability		
	Good Processability		
	Good Weather Resistance		
	Low to No Fogging		
	Low to No Odor		
	Recyclable Material		
	Scratch Resistant		
Uses	Automotive Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 2781
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	50		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Abrasion	340	mm ³	DIN 53516
Service Temperature	-50 to 125	°C	
Flammability ¹	2.50	cm	FMVSS 302
Fogging			ISO 6452
80°C	< 3.0E-4	g	
100°C	< 1.5E-3	g	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	4.00	MPa	ISO 37
Tear Strength ²	20	kN/m	ISO 34-1
NOTE			

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| 1. | 2mm wire supported |
| 2. | Method C, Crescent |

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Recommended distributors for this material

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