

Innoprene™ 5431B

Thermoplastic Elastomer

Product Description

Innoprene™ 5431B is thermoplastic elastomer which is specifically designed for automotive ramp bracket and airbag door covers such as DAB, SAB, PAB and KAB. The product exhibits high melt flow and excellent flexibility at low temperature.

General

Applications	Automotive – Ramp Bracket, Air Bag Door Cover
Color	Black
Form(s)	Pellets
Processing	Injection Molding
Revision Date	2021-04-01

Physical Properties	Unit	Typical Value	Test Method
MFI (230°C, 2.16 Kg)	gram/10 min.	4.5	ASTM D 1238
Density	gram/cm ³	0.89	ASTM D 792
Mold Shrinkage (Flow direction)	%	18.1	ASTM D 955
Hardness (Shore D, 15 sec.)	–	40	ASTM D 2240
Tensile Strength @ break	Kgf/cm ²	106	ASTM D 412
Tensile Elongation @ break	%	455	ASTM D 412
Modulus at 100%	Kgf/cm ²	89	ASTM D 412
Izod Impact @ room Temp.	Kgfc/cm	N.B.	ASTM D 256
Flexural Modulus	Kgf/cm ²	4075	ASTM D 790

The property values shown are measured on injection molded specimens. They are based on a limited number of tests. Therefore, should not be interpreted as product specifications. These values may shift slightly as additional data are accumulated.

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