

Innoprene™ 5430B

Thermoplastic Elastomer

Product Description

Innoprene™ 5430B is thermoplastic elastomer which is specifically designed for automotive ramp bracket and airbag door covers such and 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.	4.7	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	104	ASTM D 412
Tensile Elongation @ break	%	465	ASTM D 412
Modulus at 100%	Kgf/cm ²	88	ASTM D 412
Izod Impact @ room Temp.	Kgfc/cm	N.B.	ASTM D 256
Flexural Modulus	Kgf/cm ²	4091	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.

All information supplied by Kumho Polychem in relation to its products is supported by research and believed reliable, however Kumho Polychem assumes no liability whatsoever in respect of application, processing or use made of the aforementioned information or products, or any consequence thereof.

No liability whatsoever shall attach to Kumho Polychem for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use made of the aforementioned information or products by the buyer.