Elastoflex® Bio 28110 R/T

Polyurethane (MDI)

BASF Corporation

Message:

MDI flexible foam system with bio-based content designed for interior foam applications

General Information	
Features	Updatable resources
	Good flexibility
Uses	Foam
	Application in Automobile Field
	Car interior parts

Physical	Nominal Value	Unit	Test Method
Density	0.0560	g/cm³	ASTM D3574A
Biobased Content	5.0	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	0.219	MPa	ASTM D3574E
Tensile Elongation (Break)	100	%	ASTM D3574E
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tear Strength [1] (10.0 mm)	0.708	kN/m	ASTM D624
Compression Set	16	%	ASTM D3574D
Flammability	**Nominal Value**	**Unit**	**Test Method**
Burning Rate	52	mm/min	FMVSS 302

Additional Information

Specific Gravity, Resin at 25°C: 1.02 g/cm³
Specific Gravity, Isocyanate at 25°C: 1.10 g/cm³
Viscosity, Resin at 25°C: 1460 cP
Viscosity, Isocyanate at 25°C: 136 mPa-s
Mix ratio at 100 index (by mass): 100 Resin, 84.6 Isocyanate
Processing Data:
Chemical temperature: 21 to 32°C
Mold temperature: 40 to 60°C
Demold time: 1 to 4 min
Molded density: 48 to 72 kg/m³
Hand Mix Reactivity:
Top of cup: 27 sec
String gel: 39 sec
End of Rise: 48 sec
Free rise density: 41 kg/m³

NOTE	
1.	C mould

infringement occurs, please contact us immediately.

Recommended distributors for this material

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