

DEXFLEX® 756-68E

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

DEXFLEX 756-68E is a thermoplastic olefinic elastomer (TPO) designed for use as an automotive airbag cover with requirements to deploy at temperatures between -40°C and +100°C. DEXFLEX 1012E material is engineered for passenger-side and side airbag covers.

General Information			
Features	High Impact Resistance		
	Low Temperature Flexibility		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Plastics Modification		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage	0.50 to 0.80	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	45		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	14.0	MPa	ASTM D638
Tensile Elongation (Break)	> 300	%	ASTM D638
Flexural Modulus - Tangent	380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	No Break		
23°C	No Break		
NOTE			
1.	Type IV, 13 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

