



Dexflex 756-68E

Compounded Polyolefin

Product Description

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 756-68E material is engineered for passenger-side and side airbag covers. The grade is available in color-matched pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Africa-Middle East
Processing Methods	Injection Molding
Features	Low Temperature Flexibility, High Impact Resistance , Low Temperature Impact Resistance
Typical Customer Applications	Automotive Parts, Impact modification, Interior Applications

Typical Properties	Method	Value Unit
Physical		
Density -Specific Gravity	ASTM D 792	890 kg/m ³
Melt Flow Rate	ASTM D 1238	7 g/10 min
<i>Note: Cond. L</i>		
Mechanical		
Flexural Modulus	ASTM D 790	380 MPa
<i>Note: I.B., TAN, 0,5 in/min</i>		
Tensile Strength @ Yield	ASTM D 638	14 MPa
<i>Note: IV, 5 in/min</i>		
Tensile Elongation @ Brk	ASTM D 638	>300 %
Impact		
Notched Izod Impact	ASTM D 256	
(+23 °C)		No Break kJ/m ²
(-40 °C)		No Break kJ/m ²
Hardness		
Shore hardness D	ISO 868/ASTM D 2240	45
Additional Information		
Mold shrinkage	ISO 294-4	0,5 - 0,8 %
<i>Note: measured on test specimen</i>		

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
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regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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