

Hostacom ETA5081 (z)

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom ETA5081 low melt flow, 490 MPa flexural modulus, blow molding grade thermoplastic elastomeric olefin (TEO) resin combines good processability with balanced strength, toughness and flexibility. It was designed for various under-the-hood applications.

General Information	
Features	Ductile
	Good Flexibility
	Good Processability
	High Impact Resistance
	Low Flow
Uses	Automotive Applications
	Automotive Under the Hood
	Blow Molding Applications
Forms	Pellets
Processing Method	Blow Molding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2
Tensile Strain (Yield)	15	%	ISO 527-2
Flexural Modulus	490	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	60	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow (-30 to 100°C)	1.0E-4	cm/cm/°C	ASTM E228, ISO 11359-2

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