

Hostacom ETA5081

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	Extrusion Blow 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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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

