

Hostacom RTA3184

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Hostacom RTA3184 medium melt flow, 1,300 MPa flexural modulus, low level glass-reinforced, colorable, interior trim grade thermoplastic elastomeric olefin (TEO) resin is modified to provide balanced rigidity, dimensional stability and processability. It was designed for a variety of molded-in color automotive interior trim components.

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Good Colorability		
	Good Dimensional Stability		
	Good Moldability		
	Medium Flow		
	Medium Rigidity		
Uses	Automotive Applications		
	Automotive Interior Trim		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.0	MPa	ISO 527-2
Tensile Strain (Yield)	8.0	%	ISO 527-2
Flexural Modulus	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	2.5	kJ/m ²	
23°C	11	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	92.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	61.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	8.0E-5	cm/cm/°C	ASTM E228, ISO 11359-2

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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

