# MAJORIS DBF334E/8

### High Density Polyethylene

#### AD majoris

#### Message:

MAJORIS DBF334E/8 is a 33% chemically coupled basalt fiber reinforced polyethylene high density compound (pellets length ~8 mm) intended for injection moulding. APPLICATIONS MAJOPRIS DBF334E/8 is intended for components that require good impact strength, rigidity and dimensional stability. Suitable applications are: Electrical tool and appliance components Miscellaneous automotive technical items Household articles

Filler / Reinforcement Basalt Fiber, 33% filler by weight   Features Good dimensional stability   High density Chemical coupling   Impact resistance, good Recyclable materials   Medium hardness Recyclable materials   Power/other tools Power/other tools   Home appliance components Household goods   Application in Automobile Field Vertice   Processing Method Init Test Method   Physical Nominal Value Unit Test Method   Meth Mass-Flow Rate (MFR) (190°C/2.16 kg) S.0 % S0 1133   Meth Mass-Flow Rate (MFR) (190°C/2.16 kg) S.0 % S0 527-2/1   Meth Mass-Flow Rate (MFR) (190°C/2.16 kg) S.0 MPa S0 527-2/1   Meth Mass-Flow Rate (MFR) (190°C/2.16 kg) S.0 % S0 527-2/1   Meth Mass-Flow Rate (MFR) (190°C/2.16 kg) S.0 MPa S0 527-2/1   Methass-Flow Rate (MFR) (190°C/2.16 kg) S.0 MPa S0 527-2/1   Methass-Flow Rate (MFR) (190°C/2.16 kg) S.0 MPa S0 527-2/1   Methass-Flow Rate (MFR) (190°C/2.16 kg) S.0 S0 527-2/1 S0 527-2/1 <th>General Information</th> <th></th> <th></th> <th></th>	General Information			
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	Flexural Stress	108	MPa	ISO 178
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	Charpy Notched Impact Strength (23°C)	13	kJ/m <sup>2</sup>	ISO 179/1eA

			100 170 11 11	
Charpy Unnotched Impact Strength (23°C)	47	kJ/m²	ISO 179/1eU	
Thermal	Nominal Value	Unit	Test Method	
Heat Deflection Temperature				
0.45 MPa, not annealed	131	°C	ISO 75-2/B	
1.8 MPa, not annealed	117	°C	ISO 75-2/A	
Flammability	Nominal Value		Test Method	
Flame Rating	НВ		UL 94	
Injection	Nominal Value	Unit		
Rear Temperature	180 - 200	°C		
Processing (Melt) Temp	190 - 230	°C		
Mold Temperature	30.0 - 50.0	°C		
Injection Rate	Moderate			
Injection instructions				
Holding pressure: 50 to 70% of the injection pressure				
NOTE				
1.	2.0 mm/min			

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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

