MAJORIS EB651 - 8229

Polypropylene

AD majoris

Message:

EB651 - 8229 is a black, 60% mineral filled polypropylene compound intended for injection moulding.
The product is available in black (EB651 - 8229) and natural (EB651) but other colours can be supplied on request.
EB651 - 8229 has been developed especially for the automotive applications requiring very good sound insulation properties.
APPLICATIONS
Automotive components:
Parts requiring noise absorption
Electronic housings
Air ducts
Parts between engine and interior compartment
EB651 - 8229 gives excellent properties for the parts requiring very good long term heat resistance, high heat distortion temperature, excellent rigidity, low shrinkage and high dimensional stability.

General Information	
Filler / Reinforcement	Mineral filler, 60% filler by weight
Additive	heat stabilizer
Features	Good dimensional stability Rigidity, high Noise reduction Recyclable materials Heat resistance, high Thermal Stability Low shrinkage
Uses	Electrical housing Parts under the hood of a car Application in Automobile Field
Appearance	Black Available colors Natural color
Forms	Particle
Processing Method	Injection molding

Physical	Nominal Value	Unit	Test Method
Density	1.85	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	19.0	MPa	ISO 527-2/50

Fracture	3.00	MPa	ISO 527-2/50
Flexural Modulus [1]	3700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	112	°C	ISO 75-2/B
Thermal Stability (150°C)	> 700.0	hr	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 - 270	°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		

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

WECHAT