

MAJORIS DW434X/8

Polypropylene

AD majoris

Message:

MAJORIS DW434X/8 is a high performance reinforced polypropylene compound intended for injection moulding.

APPLICATIONS

MAJORIS DW434X/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

General Information			
Features	Good dimensional stability		
	Impact resistance, good		
	Recyclable materials		
	Medium hardness		
Uses	Electrical/Electronic Applications		
	Power/other tools		
	Home appliance components		
	Household goods		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.95	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11100	MPa	ISO 527-2/1
Tensile Stress (Yield)	81.0	MPa	ISO 527-2/50
Tensile Strain (Break)	3.2	%	ISO 527-2
Flexural Modulus ¹	10400	MPa	ISO 178
Flexural Stress	135	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.4	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

Injection	Nominal Value	Unit
Rear Temperature	200 - 220	°C
Processing (Melt) Temp	210 - 260	°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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

