MAJORIS FT300 - 9433

Polypropylene

AD majoris

Message:

FT300 - 9433 is a mineral filled polypropylene compound intended for injection moulding.
The product is available in natural (FT300) but other colours can be provided on request.
FT300 - 9433 has a very easy flowing and excellent mechanical properties.
APPLICATIONS
Products requiring high heat distortion temperature, excellent rigidity, low shrinkage, low warpage and high dimensional stability such as:
Household articles
Technical components

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Features	Good dimensional stability Low warpage Rigidity, high Recyclable materials Good liquidity Compliance of Food Exposure Low shrinkage		
Uses	Household goods		
Appearance	Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.15	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Molding Shrinkage	0.80 - 0.90	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3200	MPa	ISO 527-2/1
Tensile Stress (Yield)	31.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Flexural Modulus [1]	3400	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	2.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**

Heat Deflection Temperature			
0.45 MPa, not annealed	125	°C	ISO 75-2/B
1.8 MPa, not annealed	70.0	°C	ISO 75-2/A
Vicat Softening Temperature	95.0	°C	ISO 306/B
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 - 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		

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