MAJORIS DT407 - 7782

Polypropylene

AD majoris

Message:

DT407 - 7782 is a polypropylene 40% mineral filled polypropylene compound intended for injection moulding.
The product is available in natural (DT407) but other colours can be provided on request.
DT407 - 7782 is intended for has a high heat distortion temperature, good rigidity, low shrinkage, noice and vibration absorption and good dimensional stability. The product is UV stabilised.
APPLICATIONS
Fuse and connector boxes
Miscellaneous electrical components
Technical components

General Information	
Filler / Reinforcement	Mineral filler, 40% filler by weight
Additive	UV stabilizer
Features	Good dimensional stability Shock absorption Noise reduction Good UV resistance Recyclable materials Low shrinkage Medium hardness
Uses	Electrical/Electronic Applications Electrical components
Appearance	Available colors Natural color
Forms	Particle
Processing Method	Injection molding

Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage	0.60 - 1.0	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	31.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Flexural Modulus [1]	3700	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179/1eA

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	131	°C	ISO 75-2/B
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating	HB		UL 94
Glow Wire Flammability Index (2.00 mm)	750	°C	IEC 60695-2-12
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