

# MAJORIS DT 265

Polypropylene

AD majoris

Message:

DT 265 is a , 20% mineral filled polypropylene compound intended for injection moulding .  
The product is available in natural DT 265 but other colours can be provided on request.  
DT 265 has been developed especially for automotive interior parts that requiring excellent scratch resistance, good balance between the impact strength and stiffness and very good surface quality. In addition it has a good UV and weathering stability.

- APPLICATIONS
- Bumper reinforcement parts
  - Consoles
  - Cowl vent grilles
  - Door panels and pockets
  - Handles

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Features	Rigid, good		
	Good UV resistance		
	Good strength		
	Scratch resistance		
	Good weather resistance		
	Excellent appearance		
Uses	Handle		
	Car anti-collision bar		
	Application in Automobile Field		
	Car interior parts		
	Car interior equipment		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Molding Shrinkage - Flow (23°C)	1.0 - 1.2	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C, Injection Molded)	24.0	MPa	ISO 527-2/50

Tensile Strain (Yield, 23°C, Injection Molded)	4.0	%	ISO 527-2/50
Flexural Modulus <sup>1</sup> (23°C, Injection Molded)	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C, injection molding	2.0	kJ/m <sup>2</sup>	ISO 179/1eA
23°C, injection molding	11	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C, Injection Molded)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	112	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	80.0	°C	ISO 306/B50
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	210 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			
Hold-on Pressure: 50 - 70% of the injection pressure			
NOTE			
1.	5.0 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

