

# MAJORIS DE101 - 8229

Polypropylene

AD majoris

## Message:

DE101 - 8229 is a 10 % mineral filled polypropylene impact modified compound intended for injection moulding.

DE101 - 8229 has been developed especially for parts, requiring good impact strength and heat stabilization.

The product is available in natural (DE101) and black (DE101-8229) but other colours can be provided on request.

General Information			
Filler / Reinforcement	Mineral filler, 10% filler by weight		
Additive	Impact modifier heat stabilizer		
Features	Impact modification Impact resistance, good Recyclable materials Thermal Stability		
Appearance	Black Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1050	MPa	ISO 527-2/1
Tensile Stress (Yield)	19.0	MPa	ISO 527-2/50
Flexural Modulus <sup>1</sup>	800	MPa	ISO 178
Flexural Stress <sup>2</sup>	28.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	50	kJ/m <sup>2</sup>	ISO 179/1A
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1U
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
2. 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

