

# MAJORIS EE081

Polypropylene

AD majoris

## Message:

EE081 is a elastomer modified polypropylene compound intended for injection moulding.  
The product is available in black (EE081 - 8229) and natural (EE081) but other colours can be provided on request.  
EE081 has a very easy flowing and very good process ability.

## APPLICATIONS

Injection moulded parts.

General Information			
Additive	Impact modifier		
Features	Impact modification		
	Recyclable materials		
	Workability, good		
	Good liquidity		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.3	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	69		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	950	MPa	ISO 527-2/1
Tensile Stress (Yield)	21.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	75.0	°C	ISO 75-2/B
1.8 MPa, not annealed	51.0	°C	ISO 75-2/A
Vicat Softening Temperature	141	°C	ISO 306
Flammability	Nominal Value		Test Method

Flame Rating	HB	UL 94
Injection	Nominal Value	Unit
Processing (Melt) Temp	230 - 260	°C
Mold Temperature	30.0 - 50.0	°C
Injection Rate	Slow-Moderate	
Injection instructions		

Holding pressure: 30 to 70% of the injection pressureScrew RPM: slow to medium speed

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

