

MAJORIS AN091 - 8229

Polypropylene
AD majoris

Message:
AN091 - 8229 is a polypropylene for extrusion, high heat resistance temperature.

General Information			
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	High Heat Resistance		
	Recyclable Material		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	0.280	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1580	MPa	ISO 527-2/1
Tensile Stress (Break)	32.0	MPa	ISO 527-2/50
Flexural Modulus ¹	1400	MPa	ISO 178
Flexural Stress ²	52.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	150	°C	ISO 75-2/B
1.8 MPa, Unannealed	87.0	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Cylinder Zone 1 Temp.	210 to 250	°C	
Cylinder Zone 3 Temp.	210 to 250	°C	
Cylinder Zone 5 Temp.	210 to 250	°C	
Melt Temperature	220 to 260	°C	
Head Temperature	220 to 260	°C	

Die Temperature	220 to 260	°C
NOTE		
1.	2.0 mm/min	
2.	50 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

