

MAJORIS DFR039

Polypropylene

AD majoris

Message:

MAJORIS DFR039 is a polypropylene product. It can be processed by injection molding and is available in Europe.

- Features include:
- flame retardant/rated flame
 - Comply with WEEE standard
 - ROHS certification
 - environmental protection/green

General Information			
Features	Recyclable materials		
Agency Ratings	EU 2002/96/EC (WEEE)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.5	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1250	MPa	ISO 527-2/1
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	8.0	%	ISO 527-2
Fracture	130	%	ISO 527-2
Flexural Modulus ¹	1280	MPa	ISO 178
Flexural Stress	41.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	95	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value		Test Method
Ball Pressure Test (125°C)	Pass		IEC 60335-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	960	°C	IEC 60695-2-12
2.00 mm	960	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	

Drying Time	3.0	hr
Processing (Melt) Temp	200 - 240	°C
Mold Temperature	30.0 - 50.0	°C
Injection Rate	Fast	

Injection instructions

Holding pressure: 50 to 60% of the injection pressure

NOTE

1.
- 2.0 mm/min

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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

