

# Daplen™ MD250SY

Compounded Polypropylene

Borealis AG

Message:

Daplen MD250SY is a 20% mineral filled polypropylene compound intended for injection moulding. It contains 50% post-consumer recycled polymer.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Recycled Content	Yes,50%		
Features	Recyclable Material		
Uses	Automotive Applications		
	Automotive Exterior Trim		
	Automotive Under the Hood		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage	1.4	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus <sup>1</sup>	2400	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	1.3	kJ/m <sup>2</sup>	
23°C	3.0	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	61.0	°C	ISO 75-2/A
Additional Information	Nominal Value	Unit	Test Method
Emission			VDA 278
FOG	400	µgHD/g	
VOC	90.0	µgTE/g	
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

