

Micholac D2000

Acrylonitrile Butadiene Styrene

API Polymers, Inc.

Message:

Micholac D2000 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in North America.

General Information			
Features	General Purpose		
Uses	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	44.1	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Modulus - Tangent	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	90.6	°C	
1.8 MPa, Unannealed	85.0	°C	
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	232	°C	
Middle Temperature	238	°C	
Front Temperature	243	°C	
Nozzle Temperature	243	°C	
Processing (Melt) Temp	249	°C	
Mold Temperature	54.4	°C	

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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

