

NAXELL™ PC23MS

Polycarbonate

MRC Polymers, Inc.

Message:

PC23MS is available in black color, internal and external lubricants and other modifications.
Further information and details are available upon request.

General Information			
Additive	Impact Modifier		
Features	High Flow		
	Impact Modified		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	28	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.18 mm)	57.0	MPa	ASTM D638
Flexural Modulus - Secant (23°C, 3.18 mm)	2000	MPa	ASTM D790
Flexural Strength (23°C, 3.18 mm)	86.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	320	J/m	ASTM D256
Instrumented Dart Impact (23°C)	39.0	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	132	°C	
1.8 MPa, Unannealed, 3.18 mm	121	°C	
CLTE - Flow (-40 to 35°C)	6.5E-5	cm/cm/°C	ASTM D696

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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



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