

NAXELL™ PC23H

Polycarbonate
MRC Polymers, Inc.

Message:
NAXELL™ PC23H is a Polycarbonate (PC) material. It is available in North America.
Important attributes of NAXELL™ PC23H are:
Flame Rated
High Flow

General Information			
Features	High Flow		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	24	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 3.20 mm)	62.0	MPa	ASTM D638
Flexural Modulus (3.20 mm)	2070	MPa	ASTM D790
Flexural Strength (3.20 mm)	93.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	132	°C	
1.8 MPa, Unannealed	125	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.47 mm)	HB		UL 94

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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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