

INCOLOR INX-PSB-06134 BK001

Styrene Butadiene Block Copolymer

Infinity LTL Engineered Compounds

Message:

UNFILLED BLACK STYRENE BLOCK COPOLYMER

General Information			
Features	Block Copolymer		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Water Absorption (24 hr)	0.090	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Tensile Elongation (Yield)	8.0 to 10	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	35.9	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	1.0	hr	
Processing (Melt) Temp	177 to 232	°C	
Mold Temperature	10.0 to 48.9	°C	
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	40 to 70	rpm	

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Recommended distributors for this material

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