

## TECHNICAL DATA AND PROCESS SHEET

### BLACK STYRENE BLOCK COPOLYMER

### INCOLOR INX-PSB-06134 BK001

#### TYPICAL PROPERTIES

<b>PROPERTY</b>	<b>UNIT</b>	<b>METHOD</b>
<b>PHYSICAL</b>		
SPECIFIC GRAVITY	1.05	ASTM D792
WATER ABSORPTION	0.09 %	ASTM D570
MOLD SHRINKAGE, FLOW 0.125"	0.5-0.7 %	ASTM D 955
<b>MECHANICAL</b>		
TENSILE STRENGTH, BRK	3,600 psi	ASTM D638
TENSILE ELONGATION	8-10 %	ASTM D638
FLEXURAL STRENGTH	5,200 psi.	ASTM D790
FLEXURAL MODULUS	250,000 psi	ASTM D790
<b>THERMAL</b>		
DTUL @ 264 psi	140 °F	ASTM D648
<b>PROCESSING</b>		
DRYING TEMPERATURE	140 °F	
DRYING TIME	1 hrs	
MELT TEMPERATURE	350-450 °F	
MOLD TEMPERATURE	50-120 °F	
BACK PRESSURE	50-100 psi	
SCREW SPEED	40-70 rpm	

8/5/10 DJV

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