

TECHNICAL DATA AND PROCESS SHEET

POLYPROPYLENE HOMOPOLYMER

INCOLOR PP BK002

TYPICAL PROPERTIES

PROPERTY	VALUE	UNIT	METHOD
PHYSICAL			
SPECIFIC GRAVITY	0.91	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	1.5-2.0	%	ASTM D955
MECHANICAL			
TENSILE STRENGTH, YLD	5,300	psi	ASTM D638
TENSILE ELONGATION, YLD	8-10	%	ASTM D638
FLEXURAL MODULUS	210,000	psi	ASTM D790
HARDNESS ROCKWELL R	106	-	ASTM D785
IZOD IMPACT, NOTCHED	1.0	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	> 20	ft-lb/in	ASTM D256
THERMAL			
HDTUL @ 66 PSI	205	°F	ASTM D648
ELECTRICAL			
VOLUME RESISTIVITY	>1exp17	Ohm-cm	ASTM D257
PROCESSING			
DRYING TEMPERATURE	175	°F	
DRYING TIME	3-4	hrs	
MAX MOISTURE CONTENT	0.02	%	
MELT TEMPERATURE	375-450	°F	
MOLD TEMPERATURE	120	°F	

JAD 2/15/2010

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