

## TECHNICAL DATA AND PROCESS SHEET

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### UV STABILIZED, BLACK HIGH DENSITY POLYETHYLENE

#### INCOLOR PEUV BK003

#### TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>VALUE</u>	<u>UNIT</u>	<u>METHOD</u>
<b>PHYSICAL</b>			
SPECIFIC GRAVITY	0.95	-	ASTM D792
MOLD SHRINKAGE, FLOW 0.125"	1.8 - 2.9	%	ASTM D955
<b>MECHANICAL</b>			
TENSILE STRENGTH, YLD	2,800	psi	ASTM D638
TENSILE ELONGATION, YLD	>10	%	ASTM D638
FLEXURAL MODULUS	120,000	psi	ASTM D790
IZOD IMPACT, NOTCHED	1.0	ft-lb/in	ASTM D256
IZOD IMPACT, UNNOTCHED	No Break	ft-lb/in	ASTM D4812
<b>ELECTRICAL</b>			
VOLUME RESISTIVITY	>10 <sup>17</sup>	Ohm-cm	ASTM D257
<b>PROCESSING</b>			
DRYING TEMPERATURE	175	°F	
DRYING TIME	2	hrs	
MELT TEMPERATURE	375-450	°F	
MOLD TEMPERATURE	70 - 120	°F	

3/16/12 DJV

<p>This information is based on our experience to date and we believe it to be reliable. It is intended only as a guide for use at your discretion and risk. We cannot guarantee favorable results and assume no liability in connection with its use of the products described. Each user bears full responsibility for making it's own determination as to the suitability of the product described. None of this information is to be taken as a license to operate under, or recommendation to infringe any patents</p>
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