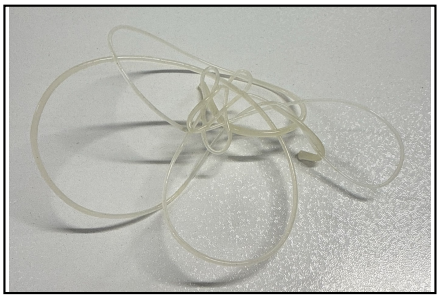
EPIC POLYMER

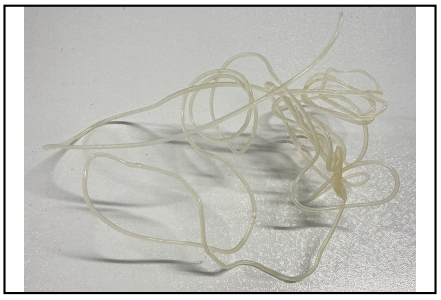
ENGINEERING YOUR NEEDS

Physical Property						
Property	Test Method	Test Condition	Unit	Sample 1	Sample 2	Sample 3
Mechanical Property						
Notched Izod Impact	ASTM D256	23°C	J/m			
Tensile Stress at Yield	ASTM D638		MPa			
Tensile Strength (UTS)	ASTM D638		MPa			
Elongation at Yield	ASTM D638		%			
Elongation at Break	ASTM D638		%			
Flexural Modulus	ASTM D790	23°C, 10mm/min	MPa			
Flexural Strength	ASTM D790	23°C, 10mm/min	MPa			
Flammability						
Flammability	UL94					
Thermal Property						
HDT	ASTM D648		°C			
Polymer Property						
Melt Flow Index	ISO 1133	230°C / 2.16kg	g/10min	**9.5 – 10.5**	**12.5 – 13.5**	**16.8 – 18**
Density	ISO 1183		g/cm3			
Filler Content	ASTM D5630		%			
Mold Shrinkage	ASTM D955	At Width/Length (After 24h)	%			

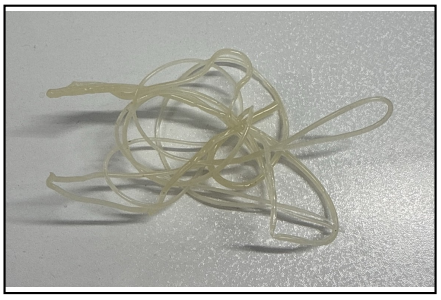
MFI Extrudate Photos (230°C / 2.16kg)



Sample 1



Sample 2



Sample 3

1. The above data are typical values. They are for material selection purposes only; variations within normal tolerance are typical values and are not our specifications and cannot be used for part or tool design.

2. All properties, except the Melt Flow Index, are measured on injection molded specimens after 48-hour storage at 23°C and 50% RH.

3. Blank cells indicate properties not yet measured for this formulation.