

Product Description					
Polyester Copolymer					
General Properties					
Appearance	Clear				
Processing Methods	Injection Molding				
Applications	Molded parts requiring excellent clarity and chemical resistance FDA Food Contact Rating				
Mechanical Properties	Test Method	English Units		S.I. Units	
Tensile Strength @ Yield	ASTM D638	7,540	psi	52	MPa
Tensile Modulus	ASTM D638	228,000	psi	1572	MPa
Tensile Elongation at Break	ASTM D638	210	%	210	%
Flexural Modulus	ASTM D790	228,000	psi	1,572	MPa
Flexural Strength	ASTM D790	9,280	psi	64	MPa
Notched Izod Impact (73°F)	ASTM D256	16.0	ft-lb/in	854	J/m
Un-notched izod	ASTM D256	No Break	ft-lb/in	no break	J/m
Physical Properties	Test Method	English Units		S.I. Units	
Specific Gravity	ASTM D792	1.18	sp gr	1.18	sp gr
Mold Shrink - Flow: 0.126 in (3.20 mm)	ASTM D955	0.005 - 0.007	in/in	0.005 - 0.007	mm/mm
Rockwell Hardness (R-Scale)	ASTM D785	111 R		111 R	
Thermal Properties	Test Method	English Units		S.I. Units	
Heat Deflection Temperature @ 66 psi	ASTM D648	201	°F	94	°C
Heat Deflection Temperature @ 264 psi	ASTM D648	178	°F	81	°C
Injection Molding		Value			
Drying Temperature		190	°F		
Drying Time		4.0 - 6.0	hrs		
Melt (processing) Temperatures		500 - 540	°F		
Mold Temperatures		100 - 151	°F		

These Data Sheet Values are Typical Values and are not intended for specification purposes. These values should only be used as a guide and no assurances by EnCom, Inc. can be granted that all molded articles will exhibit duplicate properties as those listed above. Each material user should perform their own testing for suitability.