

# EnLast 88196

TPE



Product Description					
Thermoplastic Elastomer, 70 Shore A					
General Properties					
Appearance	Black Natural Colors				
Processing Methods	Injection Molding				
Applications	Automotive, Appliance, General Industrial				
Mechanical Properties	Test Method	English Units		S.I. Units	
Tensile Strength @ Yield	ASTM D638	1,400	psi	10	MPa
Tensile Elongation at Break	ASTM D638	700	%	700	%
Physical Properties	Test Method	English Units		S.I. Units	
Specific Gravity	ASTM D792	0.93	sp gr	0.93	sp gr
Mold Shrink - Flow: 0.126 in (3.20 mm)	ASTM D955	.011-.014	in/in	0.279 - 0.356	mm/mm
Shore hardness (A-Scale)	ASTM D785	70 shore A		70 shore A	
Injection Molding		Value			
Rear Barrel Temperatures		320 - 360	°F		
Middle Barrel Temperatures		340 - 380	°F		
Front Barrel Temperatures		360 - 400	°F		
Nozzle Temperature		360 - 400	°F		
Melt (processing) Temperatures		380 - 400	°F		
Mold Temperatures		90 - 160	°F		
Back Pressure		25 - 100	psi		
Screw speed		25 - 75	rpm		
Vent Depth		0.0005 - 0.0015	in		

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.

EnCom Polymers, Inc.

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