

EnLast 5A

TPE



Product Description					
Thermoplastic Elastomer					
General Properties					
Appearance	Translucent				
Processing Methods	Injection Molding				
Applications	Automotive, Appliance, Tool and Equipment				
Mechanical Properties	Test Method	English Units		S.I. Units	
Tensile Strength @ Yield	ASTM D638	576	psi	4	MPa
Tensile Modulus	ASTM D638	171	psi	1	MPa
Tensile Elongation at Break	ASTM D638	996	%	996	%
Physical Properties	Test Method	English Units		S.I. Units	
Specific Gravity	ASTM D792	0.92	sp gr	0.92	sp gr
Rockwell Hardness (R-Scale)	ASTM D785	5 Shore A		5 Shore A	
Injection Molding		Value			
Suggested Maximum Moisture		0.05	%		
Rear Barrel Temperatures		250 - 330	°F		
Middle Barrel Temperatures		300 - 340	°F		
Front Barrel Temperatures		340 - 370	°F		
Nozzle Temperature		340 - 390	°F		
Melt (processing) Temperatures		350 - 380	°F		
Mold Temperatures		50 - 70	°F		
Back Pressure		0 - 90	psi		
Screw speed		100 - 200	rpm		
Vent Depth		0.0005 - 0.0010	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.

812-421-7700 • www.encompolymers.com