

# EnLast 60A

TPE



Product Description					
<ul style="list-style-type: none"> <li>• 60A Polyester based soft touch material</li> <li>• Exhibits abrasion resistance, chemical resistance, tear resistance, toughness and good hydrolytic stability</li> </ul>					
General Properties					
Appearance	Natural				
Processing Methods	Injection Molding				
Applications	Automotive, Appliance, Tool and Equipment				
Mechanical Properties	Test Method	English Units		S.I. Units	
Tensile Strength @ Yield	ASTM D638	3,400	psi	23	MPa
Tensile Elongation at Break	ASTM D638	760	%	760	%
Flexural Modulus	ASTM D790	6,000	psi	41	MPa
Physical Properties	Test Method	English Units		S.I. Units	
Specific Gravity	ASTM D792	1.16	sp gr	1.16	sp gr
Melt Flow 190°C/3.8 kg	ASTM D1238	20-60	g/10min	20-60	g/10min
Rockwell Hardness (R-Scale)	ASTM D785	60 Shore A		60 Shore A	
Taber Abrasion Resistance	ASTM D1044	45.0	mg	45.0	mg
Water Absorption	ASTM D570	0.20	%	0.20	%
Injection Molding		Value			
Drying Temperature		200 - 230	°F		
Drying Time		2.0 - 3.0	hrs		
Maximum Drying Time		8.0	hrs		
Suggested Maximum Moisture		0.03	%		
Suggested Shot Size		40 - 75	%		
Rear Barrel Temperatures		340 - 380	°F		
Middle Barrel Temperatures		350 - 390	°F		
Front Barrel Temperatures		360 - 400	°F		
Nozzle Temperature		390 410	°F		
Melt (processing) Temperatures		380 - 410	°F		
Mold Temperatures		60 - 110	°F		
Back Pressure		25 - 100	psi		
Screw speed		40 - 80	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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