

# EnLast 28A

TPE



<b>Product Description</b>					
Thermoplastic Elastomer					
<b>General Properties</b>					
Appearance Processing Methods Applications	Translucent Injection Molding Automotive, Appliance, Tool and Equipment				
<b>Mechanical Properties</b>		<b>Test Method</b>	<b>English Units</b>	<b>S.I. Units</b>	
Tensile Strength @ Yield	ASTM D638	729	psi	5	MPa
Tensile Modulus	ASTM D638	261	psi	2	MPa
Tensile Elongation at Break	ASTM D638	604	%	604	%
<b>Physical Properties</b>		<b>Test Method</b>	<b>English Units</b>	<b>S.I. Units</b>	
Rockwell Hardness (R-Scale)	ASTM D785	28 Shore A		28 Shore A	
<b>Injection Molding</b>		<b>Value</b>			
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.

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