

# Specification Sheet

**Description:** Thermoplastic Polyurethane EL72  
**Material:** P07/000

<b>Property</b>	<b>Spec ASTM</b>	<b>Value</b>
<b>Hardness</b>	Shore D	74D
<b>Specific Gravity</b>		1.2
<b>Tensile Strength</b>	D412	7100 PSI
<b>Elongation at Break</b>	D412	230%
<b>100% Modulus</b>	D412	5300 PSI
<b>Split Tear</b>	D470	140 lb/in
<b>Die C Tear</b>	D624	900 lb/in
<b>Compressive Modulus</b>	D575	
	5%	2150 PSI
	10%	3700 PSI
	15%	4700 PSI
	20%	6000 PSI
	25%	7250 PSI
<b>Brittle Temp.</b>	D746	-94° F
<b>Minimum Service Temp.</b>		-31° F
<b>Maximum Service Temp.</b>		230° F
<b>Color</b>		Natural (Translucent)

## Description:

Thermoplastic Polyurethane is suitable for use in high pressure hydraulic sealing applications. The material is extremely wear and extrusion resistant. This compound is recommended in various hydraulic applications including injection molding, construction, food industry, and mobile hydraulics. Seals can be manufactured in most all profiles and shapes using this thermoplastic polyurethane.