

# Specification Sheet

**Description:** Thermoplastic Polyurethane EL58  
**Material:** P08/000

<u>Property</u>	<u>Spec ASTM</u>	<u>Value</u>
Hardness	Shore D	60D
Specific Gravity		1.16
Tensile Strength	D412	6700 PSI
Elongation at Break	D412	290%
100% Modulus	D412	3600 PSI
Split Tear	D470	115 lb/in
Die C Tear	D624	600 lb/in
Compressive Modulus	D575	
	5%	1000 PSI
	10%	1650 PSI
	15%	2300 PSI
	20%	3100 PSI
	25%	4000 PSI
Brittle Temp.	D746	-94° F
Minimum Service Temp.		-31° F
Maximum Service Temp.		230° F
Color		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.