

ENSOFT SL-300-60A

Thermoplastic Elastomer
ENPLAST, a Ravago Group Company



Prospector

General		
Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Good UV Resistance	• Ozone Resistant
Appearance	• Clear/Transparent	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% Strain	2.00	MPa	
300% Strain	3.00	MPa	
Tensile Stress (Break)	7.50	MPa	ISO 37
Tensile Elongation (Break)	670	%	ISO 37
Compression Set			ASTM D395B
23°C, 22.0 hr	19	%	
70°C, 22.0 hr	43	%	

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	60		ISO 868

Additional Information			
The value listed as Density, ISO 1183, was tested in accordance with ISO 2781.			
Tear Strength, ISO 34-2: 22 kN/m			
Ozone Resistance, ISO 1431: No Crack			

Injection	Nominal Value	Unit
Rear Temperature	150 to 160	°C
Front Temperature	170 to 180	°C
Nozzle Temperature	185 to 190	°C
Processing (Melt) Temp	190 to 200	°C
Mold Temperature	10.0 to 50.0	°C
Screw L/D Ratio	20.0:1.0	
Screw Compression Ratio	2.5:1.0	

Notes

¹ Typical properties: these are not to be construed as specifications.

Revision History