



# PROFESSIONAL PLASTICS, INC.

Leading Global Supplier of Engineered Plastic Shapes

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## TYPICAL PROPERTIES OF LD45 FR PLASTAZOTE

Polymer: Polyethylene

### Flammability Specifications

<u>Standard</u>	<u>Result</u>
UL-94-HF-1	Pass

### Physical Properties

<u>Physical Property</u>	<u>Test Method</u>	<u>Unit of Measure</u>	<u>Result</u>
Compression Deflection @25%	ASTM D 3575	psi kpa	9 62
Density (nominal)	ASTM D 3575	pcf g/cm3	2.8 .045
Compression Set 22 hrs @ 50% 24 hr Recovery	ASTM D 3575 suffix b original height	% set	6
Tensile Strength	ASTM D 3575	psi kpa	65 448
Elongation Minimum	ASTM D 3575	%	160
Tear Resistance	ASTM D 3575	lbs./in. n/m	14.5 2539

### CHARACTERISTICS OF LD 45 PLASTAZOTE FOAM

<ul style="list-style-type: none"> <li>Uniform Cell Structure</li> </ul>
<ul style="list-style-type: none"> <li>Flame Resistant</li> </ul>
<ul style="list-style-type: none"> <li>Easily Fabricated</li> </ul>
<ul style="list-style-type: none"> <li>Excellent Chemical Resistance</li> </ul>
<ul style="list-style-type: none"> <li>Low Water Absorption</li> </ul>
<ul style="list-style-type: none"> <li>Energy Absorbent</li> </ul>

This information is furnished as a guide for selecting materials. Professional Plastics, Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application