

# IPS 4501-6

## SELF SKINNING POLYURETHANE FOAM

### PRODUCT DESCRIPTION AND APPLICATIONS

IPS 4501-6 is a medium-soft, two-component, water-blown polyurethane integral-skin foam system, which is recommended for making molded components such as spa pillows, crash pads, side panels, head restraints, and miscellaneous moldings for recreation vehicle and furniture industries.

### TYPICAL PHYSICAL PROPERTIES

<b>(for components)</b>	<b>TEST METHOD</b>	<b>COMP. A</b>	<b>COMP. B</b>
Viscosity, cps. at 75°F	ASTM D-1638	500 - 600	1200
Specific gravity cps. at 75°F	ASTM D-1638	1.15	1.03
Mixing ratio	by weight	36	64

### HAND MIX PROPERTIES @ 75° F

<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>RESULTS</b>
Mix time, sec		10 - 20
Foam initiation, sec's		40 - 50
Foam rise time, sec's		140 ± 10
Tack free time, sec's		160 ± 10
Free rise density*, lbs./ft <sup>3</sup>	ASTM D-1622	6 - 8

\* Other densities are available between 6-20/Ft<sup>3</sup>

*Demold Time: 15-20 minutes*