



International Polyurethane Systems Inc.

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## Material Data Sheet Flexible Foam FF3901/4

### Product Description:

A water-blown, molded, flexible foam system, based on aromatic MDI. This system is formulated for high - resilience (HR) molded flexible foams with medium to high load bearing properties. This system exhibits good flow for numerous parts including arm/headrests, exercise mats, etc. As with any product, use of this system must be tested in advance by the user to determine suitability.

### Chemical Properties:

Properties	Unit	Test Method	Typical Values		
			Polyol	Isocyanate	Mixture
Appearance			milk white	dark brown	brown
Density	g/cm <sup>3</sup>	ASTM-D 1475	>200	>200	>200
Viscosity @ 22°C (Brookfield DV-2+ @ 20RPM Spindle 3)	cP	ASTM-D 4878	1200	28	500
Flash Point	°C		1.03	1.24	1.10
Mixing Ratio @ 22°C	by weight		100	40	
Mixing Ratio @ 22°C	by volume		100	33	
Cream Time @ 22°C	s				25
Rise Time @ 22°C	s				120
Molded Density	lb/ft <sup>3</sup>	ASTM-D 3574			4.5 - 5.2

### Application:

Mix part B well before starting. Product designed for use with two component plural equipment.

### Storage:

The materials must be protected against humidity and stored at 20 - 25 °C (75 - 77 °F) for optimum shelf life of 6 months.

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Revision date: July 7/06