Bayflex® 906 (26 pcf)

Polyurethane (MDI)

Covestro - PUR

Message:

Bayflex 906 is a fully compounded, water-blown, polyether-based polyurethane system consisting of two liquid components. Component A is a modified diphenylmethane diisocyanate (MDI) prepolymer, and Component B is a polyether polyol system. Bayflex 906 system was developed for use in a wide variety of applications requiring a microcellular core and a tough, abrasion-resistant outer surface. Examples of possible applications include appliance handles, office chair armrests, and dunnage strips. As with any product, use of the Bayflex 906 system in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

General Information			
Uses	Foam		
Forms	Liquid		
Hardness	**Nominal Value**		**Test Method**
Durometer Hardness (Shaw A, 12.7mm)	57		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break, 12.7 mm)	2.70	MPa	ASTM D412
Tensile Elongation (Break, 12.7 mm)	210	%	ASTM D412
Tear Strength [1] (12.7 mm)	13.3	kN/m	ASTM D624
Thermoset	**Nominal Value**		
Thermoset Components [2]			
Component a	Mixing ratio by weight: 73		
Component B	Mixing ratio by weight: 100		

Additional Information
Part A Type: Isocyanate Specific Gravity @ 25°C: 1.21 Viscosity @25°C: 800 mPa Flash Point, PMCC: 213°C NCO: 22.6 to 23.1 wt% Part B Type: Polyol Specific Gravity @ 25°C: 1.02 Viscosity @25°C: 1100 mPa-s Flash Point, PMCC: 121°C Water: 0.60 wt% max Hydroxyl Number: 194: mg KOH/g Material Temperatures: 25 to 40°CMold Temperature: 55 to 65°CDemold Time, 0.25 in thickness: 3.5 minLinear Shrinkage at 0.50 g/cm³: <0.5%Hand Mix Reactivity at 23°C Cream Time: 50 sec Tack-Free Time: 60 sec Pull Time: 90 sec Free-Rise Density: 11 to 16 lb/ft³

NOTE	
1.	C mould
2.	98 Index

Recommended distributors for this material

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